1918 Part I

INDEX

TO

SUPPLEMENT

TO

Punjab Government Gazette

FOR HALF YEAR ENDING

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PART I.

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SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 1.] LAHORE, FRIDAY, JANUARY 4, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 1st January 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for—(a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 8 ... Gram, 11¾. Bajra, 11. Bejhar, 13. Prices between normal and warning rates.	...	Standing crops good, but are being damaged slightly by rats in a few villages.
2	Rohtak ...	...	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Generally good.	Wheat, 8½ ... Gram, 11½. Barley, 12. Jowar, 15. Bajra, 9. Prices between normal and scarcity rates.	Sugarcane being pressed. Yield normal.	Sowings of unirrigated wheat and barley continue in parts of Jhajjar Tahsil and are above normal. Standing crops generally good.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Canals flowing in Palwal and Ballabgarh Tahsils but no irrigation was done. 3. Generally good.	Wheat, 8 to 9 ... Barley, 12 to 12½. Gram, 11 to 12. Jowar, 10 to 12. Bajra, 9 to 11. Maize, 11½ to 12. Prices between normal and warning rates.	...	Sowings completed. Standing crops generally good.
4	Ambála ...	0·07 at Sadr ...	1. Sufficient ... 2. (a) Do. (b) Canal closed. 3. Good.	Wheat, 8½ ... Gram, 9½. Barley, 11½. Maize, 11½. Bajra, 10. Prices between normal and scarcity rates.	Pressing of sugarcane continues. Yield normal.	Standing crops good.
5	Jullundur ...	...	1. Sufficient ... 2. (a) Adequate. 3. Generally good.	Wheat, 8½ .. Barley, 11¾. Gram, 9½. Maize, 11. Jowar, 12. Bajra, 10. Prices generally between warning and scarcity rates.	Pressing of sugarcane in progress. Yield good.	Standing crops good.
6	Ferozepore ...	0·02 at Moga ...	1. Sufficient except in Bet tract. 2. (a) Sufficient. 3. Good.	Wheat, 7½ ... Gram, 10. Prices between warning and scarcity rates.	...	Standing crops good.
7	Lahore ...	0·03 at Sadr ...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10. Prices between warning and scarcity rates.	Yield of sugarcane fair ...	Sowings of wheat, barley, etc., continue and are normal. Standing crops good. Toria being reaped. Yield normal.
8	Amritsar ...	0·02 at Sadr ...	1. Insufficient ... 2. (b) Canals flowing by rotation; supply sufficient. 3. Generally good.	Wheat, 8½ ... Gram, 10½. Barley, 9½. Jowar, 15. Maize, 10½. Bajra, 10. Prices between normal and scarcity rates.	Pressing of sugarcane continues. Yield normal.	Standing crops average. Toria being reaped. Sowings of wheat and barley continue and are normal.
9	Siálkot ...	0·70 at Zafarwál ...	1. Scarce ... 2. (a) Sufficient. (b) Canal closed. 3. Cattle weak owing to cold, and scarcity of fodder.	Wheat, 8 to 9½ ... Barley, 12 to 12½. Maize, 10 to 10½. Gram, 8½ to 9. Prices between warning and scarcity rates.	Yield of sugarcane and rice normal.	Sowings of fodder, etc., in progress. Condition of standing crops good.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Autumn.	Prospects of Spring.
10	Shahpur ...	0·46 at Sadr ... 0·02 at Khusháb. 0·31 at Bhalwal.	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Generally good.	Wheat, 8½ to 9 ... Gram, 10¾ to 11¼. Bajra, 11¼ to 12. Maize, 11½ to 12. Prices between normal and warning rates.	Picking of cotton and pressing of sugarcane in progress. Yield below normal.	Rain was useful. Sowings of wheat finished and are normal. Standing irrigated crops good and unirrigated average. Toria being reaped. Yield normal.
11	Ráwalpindi ...	0·73 at Sadr ... 0·35 at Gujar Khan. 0·28 at Kahúta.	1. Sufficient ... 3. Good.	Wheat, 7¾ ... Barley, 13¼. Gram, 10. Bajra, 11¾. Maize, 11¼. Jowar, 12. Prices between normal and warning rates.	...	Rain was useful for standing crops which are in good condition.
12	Miánwáli ...	0·18 at Sadr ... 0·09 at Bhakkar.	1. Procurable ... 2. (a) Do. (b) Sufficient 3. Fair.	Wheat, 8½ ... Barley, 13. Gram, 11. Bajra, 11½. Jowar, 11. Prices between normal and warning rates.	...	Standing irrigated crops good and unirrigated crops average. Wheat being sown to a small extent in parts of Isa Khel Tahsil.
13	Lyallpur ...	...	1. Sufficient ... 2. (b) Canal working by rotations; supply normal. 3. Good.	Wheat, 8 ... Gram, 9½. Maize, 10. Prices at scarcity rates.	Picking of cotton and pressing of sugarcane continue. Yield of cotton normal and of sugarcane good.	Standing crops good. Toria being harvested.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing by turns; supply adequate. 3. Fair.	Wheat, 8⅜ ... Barley, 11½. Gram, 9⅝. Bajra, 9¼. Maize, 10. Prices between warning and scarcity rates.	Picking of cotton and pressing of sugarcane continue. Yield of sugarcane normal and of cotton below normal.	Sowings nearly finished and are normal. Standing crops average.

GENERAL REMARKS.

Light rain has fallen in parts of a few submontane and western districts and proved useful for standing spring crops, which are generally in good condition. Pressing of sugarcane continues in some districts, the yield is normal to good. Cotton is being picked in a few western districts; yield below normal. Wheat, barley, etc., still being sown in one or two central districts. Area sown is normal. Reaping of toria continues. Yield normal. Stocks of food-grains generally sufficient. Cattle are healthy. Fodder is scarce in a few districts. Prices are generally stationary and range between normal and scarcity rates. Prices of wheat:—Ferozepore and Ráwalpindi 7¾, Lahore and Lyallpur 8, and Ambála 8½ seers per rupee.

RAHIM BAKHSH,

Director of Land Records, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 22nd December 1917.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	11	10	21	9	2	7	...	...	...	1	...	2	...	6	1	1	2	64	27	1
2		Hánsi ...	14,576	8	4	12	20	10	10	...	...	...	10	2	2	...	6	2	3	5	43	71	2
3		Bhiwáni ...	31,100	23	16	39	39	18	21	...	...	...	15	2	7	...	15	3	5	8	66	66	3
4		Sirsa ...	14,629	8	7	15	14	3	11	...	...	...	10	...	1	...	3	...	...	...	54	50	4
5	Rohtak ...	Rohtak ...	19,862	13	11	24	23	14	9	...	4	...	5	2	3	...	9	7	2	9	63	61	5
6		Jhajjar ...	10,617	8	6	14	10	5	5	...	...	...	6	1	1	...	2	...	2	2	69	49	6
7		Sonepat ...	12,014	11	9	20	5	2	3	...	...	...	4	1	...	...	...	...	1	1	87	22	7
8	Gurgaon ...	Rewári ...	24,780	9	15	24	18	7	11	...	...	...	...	5	8	...	5	...	2	2	50	38	8
9	Karnál ...	Karnál ...	21,018	11	10	21	6	2	4	...	...	...	1	...	2	...	3	1	1	2	52	15	9
10		Kaithal ...	12,912	6	12	18	6	3	3	...	...	...	3	...	...	...	3	1	1	2	73	24	10
11		Pánipat ...	26,342	21	16	37	19	9	10	...	5	...	6	...	3	...	5	6	3	9	73	38	11
12		Shahabad ...	11,054	5	5	10	7	1	6	...	...	1	4	...	1	...	1	...	...	...	48	33	12
13	Ambála ...	Ambála ...	24,493	17	12	29	19	14	5	...	...	1	6	...	9	...	3	4	1	5	62	41	13
14		Jagádhri ...	12,045	4	4	8	17	10	7	...	...	...	9	...	2	...	6	6	4	10	35	74	14
15	Hoshiárpur ...	Hoshiárpur ...		Return not received.																			15
16	Jullundur ...	Jullundur ...	55,354	30	38	68	32	19	13	...	...	...	14	2	10	...	6	5	4	9	64	30	16
17	Ludhiána ...	Ludhiána ...	43,152	17	24	41	28	18	10	...	...	1	16	1	3	1	6	3	2	5	50	34	17
18		Jagráon ...	15,039	6	9	15	13	5	8	...	...	...	4	2	2	...	5	3	1	4	52	45	18
19	Ferozepore ...	Ferozepore ...	24,676	17	5	22	17	7	10	...	...	...	9	1	4	...	3	1	2	3	46	36	19
20		Fázilka ...	10,985	10	5	15	11	7	4	...	...	...	4	3	1	...	3	...	2	2	71	52	20
21	Lahore ...	Lahore ...	210,271	83	65	148	302	176	126	...	...	37	155	18	46	5	41	17	16	33	37	75	21
22		Kasúr ...	24,783	16	7	23	12	6	6	...	...	...	5	2	3	...	2	2	2	4	48	25	22
23	Amritsar ...	Amritsar ...	151,339	66	70	136	194	100	94	...	...	3	79	20	78	...	14	6	9	15	47	67	23
24	Gurdáspur ...	Batála ...	26,430	11	12	23	32	12	20	...	...	7	13	2	8	...	2	2	3	5	46	63	24
25	Siálkot ...	Siálkot ...	48,595	27	19	46	28	15	13	...	...	...	11	3	8	...	6	7	4	11	49	30	25
26	Gujránwála	Gujránwála ...	28,637	12	12	24	26	13	13	...	...	1	13	...	3	...	9	5	3	8	44	48	26
27		Wazírabad ...	17,146	4	5	9	20	9	11	...	...	...	17	1	1	...	1	2	2	4	27	61	27
28	Gujrát ...	Gujrát ...	18,692	9	11	20	8	6	2	...	...	...	6	1	...	...	1	2	2	4	56	22	28
29		Jalálpur ...	11,615	5	8	13	10	6	4	...	...	...	6	1	1	...	2	...	...	...	58	45	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	11	4	15	8	6	2	...	...	...	4	...	2	...	2	2	...	2	51	27	30
31		Khushâb ...	10,159	3	4	7	14	7	7	...	...	...	9	1	2	.	2	1	1	2	36	71	31
32	Jhelum ...	Jhelum ...	12,298	3	2	5	8	5	3	...	...	...	6	1	..	...	1	2	...	2	21	34	32
33		Pind Dádan Khan	10,590	6	4	10	12	6	6	...	...	...	7	1	1	...	3	2	1	3	49	59	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	19	16	35	41	17	24	...	...	5	9	4	11	...	12	6	10	16	39	46	34
35	Lyallpur ...	Lyallpur ...	Return not received.																				35
36	Jhang ...	Jhang-Maghiána	25,914	12	17	29	29	11	18	...	...	...	20	...	...	...	9	3	3	6	58	58	36
37		Chiniot ...	14,085	13	9	22	13	7	6	...	...	...	4	1	...		8	4	1	5	81	48	37
38	Multán ...	Multán ...	85,747	47	35	82	103	52	51	...	...	1	58	9	11	...	24	17	16	33	50	63	38
		GRAND TOTAL ...	1,159,957	582	518	1,100	1,173	610	563	...	9	57	549	87	236	6	229	123	110	233	49	53	
	Hill Sanitaria.																						
	Simla ...	...	Return not received.																				
	Dharmsála	...	2,518	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ..	...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

DURING the week ending 22nd December 1917 there were 1,100 births registered in the 36 large municipal towns (582 males and 518 females), giving a birth-rate of 49 *per mille* of population, and 1,173 deaths were registered (610 males and 563 females), giving a death rate of 53 *per mille* of population. The death rates registered in the three largest towns were as follows:—Lahore 75 against 35 in the corresponding week of the previous year, Amritsar 67 against 34 and Multán 63 against 32.

There were 5 deaths registered from small-pox in Pánipat and 4 in Rohtak. Of the 57 deaths from plague, 37 were reported in Lahore, 7 in Batála, 5 in Ráwalpindi, 3 in Amritsar, and 1 each in Shahabad, Ambála, Ludhiána, Gujránwála and Multán.

W. H. MILLS, SUPDT.,

for *Sanitary Commissioner, Punjab.*

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 2nd January 1918.

1990 PGG—630—4-1-18—SGPP Lahore.

Registered No. L. 864.

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PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 2.] LAHORE, FRIDAY, JANUARY 11, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 8th January 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (*a*) Drinking. (*b*) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
1	Hissar ...	...	1. Sufficient ... 2. (*b*) Canals dry. 3. Good.	Wheat, 8 ... Gram, 11. Bajra, 11. Bejhar, 13. Prices between normal and warning rates.	...	Standing crops good, but are being damaged slightly by rats in a few villages.
2	Rohtak ...	...	1. Sufficient ... 2. (*a*) Do. 3. Generally good.	Wheat, $8\frac{1}{3}$ ... Gram, 11. Barley, 12. Jowar, 14. Bajra, 10. Prices between normal and warning rates.	Sugarcane being pressed. Yield above good.	Sowings of wheat continue in parts of Jhajjar Tahsil and are above normal. Standing crops fair to good.

2063 PGG.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Autumn.	Prospects of — Spring.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Canals flowing in Palwal and Ballabgarh Tahsils but no irrigation was done. 3. Generally good.	Wheat, 7½ to 9½... Barley, 11½ to 13. Gram, 11 to 12½. Jowar, 11. Bajra, 9 to 12. Maize, 11½ to 12½. Prices between normal and warning rates.	...	Rain wanted for standing crops which ar generally good. Sowings completed.
4	Ambála ...	...	1. Sufficient ... 2. (a) Do. (b) Inadquate. 3. Good.	Wheat, 8 ... Gram, 10½. Barley, 11½. Maize, 12. Bajra, 9½. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield above normal.	Rain needed. Standing crops good. Toria being reaped. Yield normal.
5	Jullundur ...	...	1. Sufficient ... 2. (a) Adequate. 3. Generally good.	Wheat, 8½ ... Barley, 11½. Gram, 9½. Maize, 11. Jowar, 12. Bajra, 10. Prices between normal and scarcity rates.	Condition of sugarcane good. Sugarcane being pressed. Yield good.	Standing crops good.
6	Ferozepore ...	...	1. Sufficient except in Bet tract. 2. (a) Sufficient. 3. Good.	Wheat, 7½ ... Gram, 10. Prices between warning and scarcity rates.	...	Rain wanted. Standing crops good.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield fair.	Sowings of fodder continue and are normal. Standing crops good. Yield of toria normal.
8	Amritsar ...	...	1. Insufficient ... 2. (b) Canals flowing by rotation; supply sufficient. 3. Generally good.	Wheat, 8½ ... Gram, 10½. Barley, 10. Jowar, 14. Maize, 10. Bajra, 8. Prices generally between warning and scarcity rates.	Sugarcane being pressed. Yield normal.	Standing crops average.
9	Siálkot ...	...	1. Scarce ... 2. (a) Sufficient. (b) Canal closed. 3. Cattle weak owing to cold, and scarcity of fodder.	Wheat, 8 to 9½ ... Barley, 11 to 12. Maize, 10 to 10½. Gram, 8½ to 9. Prices between warning and scarcity rates.	Condition of sugarcane average. Yield normal.	Standing crops good.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Generally good.	Wheat, 8 9/16 to 9¼... Gram, 10½ to 11½. Bajra, 11 to 12. Maize, 10½ to 12. Prices between normal and warning rates.	Picking of cotton finished and pressing of sugarcane continues. Yield of sugar cane below normal.	Standing irrigated crops generally good and unirrigated average. Toria being harvested. Yield normal.
11	Ráwalpindi ...	...	1. Sufficient ... 3. Good.	Wheat, 7¾ ... Barley, 13¼. Gram, 10. Bajra, 12. Maize, 11¼. Jowar, 12. Prices between normal and scarcity rates.	...	Standing crops good.
12	Miánwáli ...	...	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Generally good.	Wheat, 8¼ ... Barley, 12. Jowar, 11. Bajra, 12. Gram, 11. Prices generally at warning rates.	...	Standing irrigated crops good and unirrigated average.
13	Lyallpur ...	...	1. Sufficient ... 2. (b) Canal working by rotations; supply normal. 3. Good.	Wheat, 8 ... Gram, 9. Prices at scarcity rates.	Picking of cotton nearly finished and pressing of sugarcane continues. Yield of sugarcane above normal.	Standing crops generally good. Toria being harvested.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing by turns. 3. Fair.	Wheat, 8½ ... Barley, 11. Gram, 9½. Bajra, 9½. Maize, 9¾. Prices between warning and scarcity rates.	Picking of cotton and pressing of sugarcane continues. Yield of cotton below normal.	Sowings completed. Standing crops good.

GENERAL REMARKS.

Weather dry. Rain is wanted in parts of the south-east. Picking of cotton nearly completed and pressing of sugarcane continues. Yield of cotton below normal and of sugarcane normal to good. Sowings of spring crops finished and are normal or over normal. Condition of standing spring crops is good. Toria is being harvested. Yield normal. Stocks of food-grains generally sufficient. Cattle are healthy. Fodder is scarce in a few districts. Prices are generally stationary but have risen slightly in some districts. They range generally between warning and scarcity rates. Prices of wheat:—Ferozepore 7¾, Ráwalpindi 7¾, Ambála, Lahore and Lyallpur 8 seers per rupee.

MAHBUB SHAH, Supdt.,

for *Director of Land Records, Punjab*.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 29th December 1917.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	8		16	16	7	9	...	...	...	4	1	3	...	8	2	4	6	49	49	1
2		Hánsi ...		Statement returned for correction.																			2
3		Bhiwáni ...	31,100	30	26	56	32	14	18	...	...	...	7	3	4	...	18	2	7	9	94	54	3
4		Sirsa ...	14,629	7	4	11	29	14	15	...	...	...	20	2	6	...	1	2	2	4	39	104	4
5	Rohtak ...	Rohtak ...	19,862	14	10	24	15	7	8	...	...	...	5	2	3	...	5	5	3	8	63	40	5
6		Jhajjar ...	10,617	9	5	14	8	5	3	...	1	...	6	...	...	...	1	...	...	...	69	39	6
7		Sonepat ...	12,014	11	4	15	3	2	1	...	...	...	2	...	...	...	1	2	1	3	65	13	7
8	Gurgaon ...	Rewári ...	24,780	14	16	30	14	7	7	...	...	...	...	2	3	...	9	2	2	4	63	29	8
9	Karnál ...	Karnál ...	21,018	16	9	25	14	10	4	...	...	...	2	2	5	...	5	5	1	6	62	34	9
10		Kaithal ...	12,912	3	5	8	6	2	4	...	...	...	2	...	2	...	2	...	2	2	33	24	10
11		Pánipat ...	26,342	12	15	27	16	6	10	...	1	...	5	1	2	...	7	3	1	4	54	32	11
12		Shahabad ...	11,054	4	8	12	4	2	2	...	...	...	...	...	...	...	4	...	2	2	57	19	12
13	Ambála ...	Ambála ...	24,493	10	9	19	17	9	8	...	...	2	3	2	7	...	3	3	...	3	41	36	13
14		Jagádhri ...	12,045	7	8	15	12	8	4	...	1	...	1	1	4	...	5	4	...	4	65	52	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	4	5	9	2	1	1	...	...	...	2	...	...	...	...	...	...	...	27	6	15
16	Jullundur ...	Jullundur ...	55,354	20	26	46	29	15	14	...	...	1	14	1	10	1	2	3	2	5	43	27	16
17	Ludhiána ...	Ludhiána ...	43,152	21	17	38	26	10	16	...	...	...	16	1	2	...	7	4	1	5	46	31	17
18		Jagráon ...	15,039	10	14	24	17	10	7	...	...	...	3	...	2	...	12	5	4	9	84	59	18
19	Ferozepore ...	Ferozepore ...	24,678	7	5	12	11	3	8	...	...	...	7	1	2	...	1	1	1	2	25	23	19
20		Fázilka ...	10,985	6	3	9	8	4	4	...	...	...	5	...	2	...	1	...	2	2	43	38	20
21	Lahore ...	Lahore ...	210,271	82	72	154	271	135	136	...	...	38	143	7	47	1	35	19	18	37	38	67	21
22		Kasúr ...	24,783	14	18	32	19	5	14	...	...	1	6	...	6	...	6	2	5	7	67	40	22
23	Amritsar ...	Amritsar ...	151,339	64	48	112	186	90	96	...	...	1	81	14	70	1	19	16	15	31	39	64	23
24	Gurdáspur ...	Batála ...	26,430	7	20	27	35	23	12	...	...	12	14	1	7	...	1	2	1	3	54	69	24
25	Siálkot ...	Siálkot ...	48,595	23	20	43	19	11	8	...	...	...	9	1	4	...	5	4	1	5	46	20	25
26	Gujránwála ...	Gujránwála ...	28,637	16	3	19	2	2	...	...	...	...	1	...	...	...	1	1	...	1	35	4	26
27		Wazírabad ...	17,146	5	6	11	13	6	7	...	...	...	10	...	1	.	2	1	...	1	33	40	27
28	Gujrát ...	Gujrát ...	18,692	11	10	21	16	6	10	...	...	...	12	1	1	...	2	...	4	4	59	45	28
29		Jalálpur ...	11,615	3	5	8	3	2	1	...	...	...	2	...	...	...	1	1	1	2	36	13	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	11	10	21	10	4	6	...	...	...	8	...	...	...	2	1	1	2	71	34	30
31		Khushâb ...	10,159	1	3	4	19	8	11	...	...	...	7	2	4	1	5	2	3	5	20	97	31
32	Jhelum ...	Jhelum ...	12,298	6	7	13	7	2	5	...	...	1	4	1	...	...	1	...	1	1	55	29	32
33		Pind Dádan Khan	10,590	4	6	10	15	7	8	...	...	...	9	1	1		4	...	4	4	49	74	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	16	16	32	43	19	24	...	...	1	13	2	13	...	14	7	7	14	36	48	34
35	Lyallpur ...	Lyallpur ...		Statement not received.																			35
36	Jhang ...	Jhang-Maghiána	25,914	16	10	26	29	17	12	...	...	...	16	3	...	.	10	9	4	13	52	58	36
37		Chiniot ...	14,085	5	13	18	12	5	7	...	...	...	4	1	...		7	3	3	6	66	44	37
38	Multán ...	Multán ...	85,747	37	38	75	89	46	43	...	...	1	36	16	14	...	22	15	18	33	46	54	38
		Grand Total ...	1,162,361	534	502	1,036	1,067	524	543	...	3	58	479	69	225	4	229	126	121	247	46	48	
	Hill Sanitaria.																						
	Simla ...	... ...	...	Statement returned for correction.																			
	Dharmsála	... ...	2,518	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ..	... ...	938	1	...	1	1	1	...	...	...	..	...	...	...	...	1	1	..	1	48	48	
	Murree ...	...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 29th December 1917 there were 1,036 births registered in the 36 large municipal towns (534 males and 502 females), giving a birth rate of 46 *per mille* of population, and 1,067 deaths were registered (524 males and 543 females), giving a death rate of 48 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 67 against 38 in the corresponding week of the previous year, Amritsar 64 against 30 and Multán 54 against 32.

Of the 3 deaths from small-pox 1 each was registered in Jhajjar, Pánipat and Jagadhri. There were 58 deaths reported from plague in Lahore, 12 in Batála, 2 in Ambála, and 1 each in Jullundur, Kasur, Amritsar, Jhelum, Ráwalpindi and Multán.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

Sanitary Commissioner's Office,
Lahore :
The 9th January 1918.

2053 CS—630—11-1-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 3.] LAHORE, FRIDAY, JANUARY 18, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 15th January 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (*a*) Drinking. (*b*) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
1	Hissar ...	...	1. Sufficient ... 2. (*b*) Water sufficient in perennial canals. Inundation canals dry. 3. Good.	Wheat, $8\frac{1}{2}$ ... Bajra, 11. Gram, 12. Bejhar, 18. Prices between normal and warning rates.	...	Standing crops good, but being damaged by rats in a few villages.
2	Rohtak ...	...	1. Adequate ... 2. (*a*) Do. (*b*) Do. 3. Generally good.	Wheat, $8\frac{3}{4}$ ... Gram, $11\frac{1}{2}$. Barley, 12. Jowar, 14. Bajra, 10. Prices between normal and warning rates.	Condition of irrigated sugarcane good. Pressing of sugarcane continues. Yield above normal. Rats are damaging sugarcane in places.	Standing crops average to good; damaged by rats in some places.

2138 PGG

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Canals flowing in Palwal and Ballabgarh Tahsils but no irrigation was done. 3. Generally good.	Wheat, 7½ to 9½... Barley, 11½ to 13. Gram, 11 to 12¼. Jowar, 11 to 11½. Bajra, 9 to 12½. Maize, 11 to 12½. Prices between normal and warning rates.	...	Rain wanted for standing crops which are generally in good condition.
4	Ambála ...	...	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Generally good.	Wheat, 8 ... Gram, 10¼. Barley, 11¾. Maize, 12. Bajra, 9¾. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield above normal.	Rain wanted. Standing crops, specially wheat and oilseeds in good condition. Sowings of extra spring crops commenced.
5	Jullundur ...	...	1. Sufficient ... 2. (a) Adequate. 3. Generally good.	Wheat, 8¼ ... Barley, 11¾. Gram, 9¼. Maize, 11. Jowar, 11. Bajra, 10. Prices between normal and scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing crops good.
6	Ferozepore ...	...	1. Sufficient except in Bet tracts. 2. (a) Sufficient. 3. Good.	Wheat, 7½ ... Gram, 10. Prices between warning and scarcity rates.	...	Rain wanted. Standing crops good.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield fair.	Standing crops good. Toria being harvested. Yield normal.
8	Amritsar ...	0·02 at Sadr ...	1. Insufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Generally good.	Wheat, 8¾ ... Gram, 10⅝. Barley, 10. Jowar, 14. Maize, 10¼. Bajra, 8½. Prices generally between warning and scarcity rates.	Sugarcane being pressed. Yield normal.	Standing crops average.
9	Siálkot ...	0·29 at Sadr ... 0·23 at Zafarwal. 0·26 at Pasrur.	1. Scarce ... 2. (a) Sufficient. (b) Canal closed. 3. Cattle weak owing to scarcity of fodder.	Wheat, 7½ to 8½ ... Barley, 12 to 12¼. Maize, 10. Gram, 8½ to 9. Prices between warning and scarcity rates.	Condit[illegible] yield of sugar cane average.	Standing crops good.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Autumn.	Prospects of Spring.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Generally good.	Wheat, 8 9/16 to 9½ ... Gram, 10½ to 11½. Bajra, 11 to 12. Maize, 10 to 12. Prices between normal and warning rates.	Pressing of sugarcane continues. Yield below normal.	Rain wanted. Standing irrigated crops generally good and unirrigated average. Toria being harvested. Yield normal.
11	Ráwalpindi ...	0·19 at Sadr ...	1. Sufficient ... 3. Good.	Wheat, 7¾ ... Barley, 13¼. Gram, 10. Bajra, 12. Maize, 11¼. Jowar, 12. Prices between normal and scarcity rates.	...	Standing crops good.
12	Miánwáli ...	...	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat, 8½ ... Barley, 13½. Gram, 11½. Jowar, 11. Bajra, 12½. Prices between normal and warning rates.	...	Standing irrigated crops good.
13	Lyallpur ...	...	1. Sufficient ... 2. (b) Canals flowing by rotations; supply normal. 3. Generally good.	Wheat, 8 ... Gram, 8¾. Prices at scarcity rates.	Pressing of sugarcane continues. Yield above normal.	Standing crops generally good. Toria being harvested.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing by turns. 3. Fair.	Wheat, 8½ ... Barley, 11. Gram, 9⅝. Bajra, 9½. Maize, 9¾. Jowar 9½. Prices between warning and scarcity rates.	Picking of cotton and pressing of sugarcane continues. Yield of cotton below normal.	Standing crops good.

GENERAL REMARKS.

Weather remained practically dry. Rain wanted in parts of the south-east and west. Pressing of sugarcane and harvesting of toria continue. Yield of sugarcane normal to good and of toria normal. Standing spring crops are in good condition. Stocks of food-grains generally sufficient. Cattle are healthy. Fodder is scarce in a few districts. Prices range generally between warning and scarcity rates, except in some south-eastern districts where they range between normal and warning rates. Prices of wheat :—Ferozepore 7½, Ráwalpindi 7¾, Ambála, Lahore and Lyallpur 8 seers per rupee.

RAHIM BAKHSH,

Director of Land Records, Punjab.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

1	2			3			4			5		
	QUANTITIES PER RUPEE BY											
Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).		
	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	8 0	8 8	8 8	14 0	14 0	12 12	...	...	...	7 0	7 0	7 0
Rohtak	8 12	8 0	9 0	12 0	13 0	13 0	...	...	...	6 8	5 8	6 8
Gurgaon	8 0	8 4	8 4	11 0	11 8	13 0	...	...	...	8 0	8 0	7 8
Karnál	8 4	8 8	9 0	13 8	13 0	13 0	...	...	...	7 0	7 0	7 0
Ambála	7 12	7 12	8 10	11 8	11 4	12 0	...	...	...	7 12	7 12	7 12
Simla	7 0	6 8	7 8	9 0	9 0	10 0	...	...	...	6 0	6 4	6 4
JULLUNDUR.												
Kángra	7 0	7 8	11 0	10 8	11 0	14 0	...	...	...	8 8	8 8	9 0
Hoshiárpur	7 12	8 0	9 8	11 0	11 0	12 8	...	...	...	7 4	7 8	6 6
Jullundur	8 4	8 4	9 4	11 15	11 12	13 0	...	...	...	6 8	6 8	7 0
Ludhiána	8 0	8 6	8 12	9 8	11 8	13 0	...	...	...	6 0	6 0	6 8
Ferozepore	7 8	7 8	9 4	10 8	10 8	13 0	...	...	...	6 8	6 8	7 8
LAHORE.												
Lahore	8 0	8 0	9 0	11 8	12 8	12 12	...	...	...	8 0	8 0	8 12
Amritsar	8 6	8 4	9 8	9 8	9 12	13 0	...	...	...	7 4	7 8	7 8
Gurdáspur	9 0	9 0	9 8	11 0	10 0	13 0	...	...	...	8 0	8 0	6 8
Siálkot	9 0	9 0	9 4	11 0	12 0	12 8	...	...	...	7 8	7 8	8 4
Gujránwála	8 12	8 12	9 14	13 0	13 0	13 8	...	...	...	8 4	8 0	8 4
RAWALPINDI.												
Gujrát	8 8	8 0	10 0	14 0	13 0	13 0	...	...	...	8 0	8 0	8 0
Shahpur	8 12	8 14	10 4	14 0	14 0	13 12	...	...	...	6 0	6 8	6 8
Jhelum	8 8	8 8	10 0	12 8	14 0	13 0	...	...	...	7 8	8 0	8 0
Ráwalpindi	7 8	7 12	8 14	13 0	13 12	14 8	...	...	...	8 0	8 0	7 0
Attock	8 4	8 0	9 8	12 0	12 0	15 0	...	...	...	7 0	7 0	7 0
Miánwáli	8 4	8 6	9 12	12 0	13 8	14 0	...	...	...	6 8	6 8	6 0
MULTAN.												
Montgomery	8 0	8 2	8 9	‡	11 0	11 0	...	...	...	6 12	6 12	6 0
Lyallpur	7 8	8 0	9 4	12 0	12 0	13 0	...	...	...	7 0	8 0	7 0
Jhang	8 4	8 4	9 0	12 12	13 0	13 8	...	...	...	7 0	7 0	7 0
Multán	8 2	7 14	9 8	11 8	11 8	11 8	...	...	...	7 12	7 12	8 8
Muzaffargarh	8 2	8 2	9 0	11 0	11 0	12 0	...	...	...	7 0	7 0	6 0
Dera Gházi Khan ...	7 8	7 6	8 0	10 0	10 0	13 0	...	...	...	7 0	7 2	8 6

† Not produced. ‡ Not sold.

NOTE.—The prices of rice as shown in the statement are

N.B.—Variations in prices are due to fluctuations

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 31ST DECEMBER 1917.

THE ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			Districts.
Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
‡	‡	16 0	10 8	12 8	14 8	†	†	†	†	†	†	Hissar.
15 0	13 0	18 0	10 12	9 12	16 0	†	†	†	†	†	†	Rohtak.
11 0	11 0	15 0	11 0	11 0	15 0	†	†	†	†	†	†	Gurgaon.
14 0	14 0	†	10 8	10 0	13 0	‡	‡	†	§	§	†	Karnál.
14 0	14 0	15 0	10 0	11 0	10 12	15 8	15 8	15 8	9 12	9 12	9 12	Ambála.
9 4	7 8	10 0	10 0	‡	10 0	‡	‡	†	‡	6 4	†	Simla.
												JULLUNDUR.
‡	‡	†	‡	‡	†	‡	‡	†	‡	‡	†	Kángra.
9 0	11 0	13 0	11 8	11 8	10 0	†	†	†	‡	‡	†	Hoshiárpur.
12 0	11 0	14 0	10 0	11 0	11 0	†	†	†	8 0	8 0	9 0	Jullundur.
10 0	13 8	15 0	9 8	12 0	11 8	†		†	6 0	7 0	7 8	Ludhiána.
‡	‡	12 12	†	†	12 8	‡	‡	†	‡	‡	†	Ferozepore.
												LAHORE.
11 0	11 12	12 8	9 0	10 0	12 4	§	§	†	9 0	8 8	10 12	Lahore.
14 0	15 0	13 12	9 12	10 6	11 12	§	§	†	11 0	‡	12 12	Amritsar.
9 0	8 0	15 0	§	§	†	§	§	†	8 0	8 0	8 0	Gurdáspur.
§	§	13 0	§	§	13 0	§	§	†	§	§	†	Siálkot.
§	§	†	§	§	11 8	§	§	†	§	§	†	Gujránwála.
												RAWALPINDI.
§	§	§	10 0	11 0	13 0	†	†	†	§	§	†	Gujrát.
13 0	13 0	§	12 0	12 0	13 4	§	§	†	§	§	†	Shahpur.
12 8	‡	14 0	11 0	11 0	12 0	†	†	†	†	†	†	Jhelum.
11 12	11 12	15 8	11 12	11 12	11 8	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	12 0	12 0	12 0	‡	‡	†	‡	‡	†	Attock.
11 0	11 0	†	12 0	12 0	12 8	†	‡	†	‡	‡	†	Miánwáli.
												MULTAN.
§	§	12 0	§	§	10 8	§	§	†	†	†	†	Montgomery.
‡	‡	†	‡	‡	12 0	‡	‡	†	‡	‡	†	Lyallpur.
10 0	10 0	10 0	10 8	10 12	11 0	14 8	14 8	14 0	11 8	11 8	11 8	Jhang.
10 8	11 0	14 8	9 4	9 4	11 12	‡	‡	†	13 4	13 4	12 12	Multán.
§	§	†	§	§	†	§	§	†	§	§	†	Muzaffargarh.
9 0	9 0	12 8	9 1	9 0	12 8	‡	‡	†	‡	‡	†	Dera Gházi Khan.

§Not procurable.
for the quality in common demand.
in imports and exports

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

1	10			11			12			13		
	QUANTITIES PER RUPEE BY											
Districts.	*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*			*Maize (Zea Mays).*			*Arhar or Thur Cadjan Pea (Cajanus indicus).*			*Firewood.*		
	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	11 0	12 0	13 0	‡	‡	†	†	‡	†	50 0	50 0	80 0
Rohtak	11 8	11 0	13 8	‡	‡	†	8 0	8 0	8 0	60 0	60 0	60 0
Gurgaon	11 0	11 0	12 8	11 0	11 0	13 0	8 8	9 0	8 0	60 0	60 0	60 0
Karnál	11 8	11 4	13 0	12 0	12 8	15 0	8 0	8 0	8 0	90 0	90 0	110 0
Ambála ...	9 8	9 8	12 0	11 12	11 12	15 0	7 12	7 12	7 12	72 0	72 0	85 0
Simla	8 8	8 8	9 4	9 14	8 8	12 8	5 0	6 2	6 4	45 12	45 12	60 0
JULLUNDUR.												
Kángra	6 8	7 0	9 4	10 0	10 4	14 0	5 0	5 0	5 8	80 0	80 0	80 0
Hoshiárpur	8 12	8 12	11 0	11 4	11 4	15 8	‡	‡	†	60 0	60 0	70 0
Jullundur	9 4	9 8	11 8	11 0	11 0	15 0	§	§	†	40 0	40 0	60 0
Ludhiána	9 8	10 0	12 0	11 0	12 8	15 8	8 8	9 0	6 0	45 0	50 0	65 0
Ferozepore	10 0	10 0	12 8	10 8	10 8	12 8	5 0	5 0	5 8	40 0	40 0	60 0
LAHORE.												
Lahore	10 0	10 0	11 4	9 4	10 8	12 12	7 4	8 0	7 12	32 0	32 0	50 0
Amritsar	10 0	9 12	11 12	10 8	10 12	14 0	7 0	7 0	7 4	40 0	45 0	50 0
Gurdáspur	8 0	8 0	10 8	11 0	11 0	16 0	§	§	†	60 0	60 0	60 0
Siálkot	8 8	9 0	10 0	10 0	10 0	12 0	§	§	†	50 0	50 0	70 0
Gujránwála	10 0	9 12	11 12	10 0	‡	13 8	†	†	†	43 0	48 0	60 0
RAWALPINDI.												
Gujrát	9 0	9 8	11 0	10 0	11 0	13 0	†	†	†	40 0	50 0	70 0
Shahpur	10 12	10 12	11 12	11 8	11 8	12 8	7 0	7 0	6 4	40 0	42 0	50 0
Jhelum	9 8	9 8	11 0	10 0	11 0	12 0	7 0	7 0	6 0	45 0	45 0	50 0
Ráwalpindi	9 12	10 0	11 4	11 0	11 4	11 8	7 8	7 8	6 0	34 0	32 0	43 0
Attock	10 4	10 12	11 8	12 0	11 8	12 8	5 4	5 4	6 0	45 0	45 0	61 ·9
Miánwáli	11 0	11 0	12 0	‡	‡	12 0	‡	‡	†	45 0	44 0	70 0
MULTAN.												
Montgomery	9 6	9 6	11 4	§	§	14 0	§	[illegible]	†	90 0	90 0	125 0
Lyallpur	9 4	9 4	11 4	9 0	11 0	14 0	6 0	6 8	7 0	45 0	40 0	50 0
Jhang	9 12	10 4	11 8	11 0	11 8	13 0	‡	‡	†	30 0	40 0	75 0
Multán	9 10	9 12	11 8	10 0	10 8	13 4	‡	‡	6 8	50 0	50 0	75 0
Muzaffargarh	10 4	10 2	11 0	‡	‡	†	§	[illegible]	†	95 0	95 0	110 0
Dera Gházi Khán ...	9 0	9 0	11 0	‡	‡	†	‡	‡	†	75 0	75 0	90 0

* No wholesale salt sold. † Not produced. ‡ Not sold.

N.B.—Variations in prices are due to fluctuations in

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB :
Lahore, dated the 10th January 1918.

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 31ST DECEMBER 1917—CONCLUDED.

THE ORDINARY SEER OF 80 TOLAS.

14						15			16			1
Salt.						Gur.			Cotton (unginned).			Districts.
Present fortnight ending 31st December 1917.		Past fortnight ending 15th December 1917.		Corresponding fortnight of 31st December 1916.		Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	Present fortnight ending 31st December 1917.	Past fortnight ending 15th December 1917.	Corresponding fortnight of 31st December 1916.	
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.							
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
8 0	7 0	8 0	7 0	20 0	19 0	8 0	5 0	6 8	3 8	3 8	4 0	Hissar.
8 0	7 0	6 0	5 8	17 0	16 0	8 8	8 0	8 0	3 0	3 0	5 0	Rohtak.
8 0	7 8	7 0	6 8	18 0	17 0	8 0	7 8	7 8	3 8	3 8	4 0	Gurgaon.
8 4	7 12	8 0	7 0	*	15 0	9 0	8 0	8 0	3 0	2 10	4 6	Karnál.
12 5	11 8	6 10	6 0	12 4	11 12	5 12	4 8	5 12	2 10	2 12	3 8	Ambála.
7 4	6 0	7 4	6 0	10 0	8 0	4 12	4 8	5 0	§	§	†	Simla.
												JULLUNDUR.
*	6 0	*	6 0	*	6 8	4 0	3 8	4 0	‡	‡	†	Kángra.
11 0	10 0	11 0	10 0	10 0	8 0	6 0	5 8	5 8	‡	‡	4 8	Hoshiárpur.
10 4	9 12	10 0	9 12	12 0	11 0	5 0	6 0	5 0	2 12	2 12	5 0	Jullundur.
11 0	10 8	8 0	7 0	11 0	10 8	6 8	6 0	5 8	2 8	3 0	3 0	Ludhiána.
8 0	7 0	8 0	7 0	10 8	10 0	5 0	4 4	5 0	2 14	2 12	4 12	Ferozepore.
												LAHORE.
10 0	9 8	10 0	9 8	16 0	15 0	6 0	5 4	7 0	2 12	2 12	3 12	Lahore.
10 0	9 0	10 0	9 8	12 5	11 8	7 8	7 4	7 4	3 0	3 3	4 0	Amritsar.
*	8 0	*	8 0	10 0	8 0	8 0	6 0	7 0	4 0	4 0	5 0	Gurdáspur.
9 8	9 0	8 8	8 0	11 8	11 4	6 0	6 0	7 8	3 0	3 0	5 0	Siálkot.
10 0	9 8	8 0	7 12	11 4	11 0	6 0	6 0	6 12	3 4	3 4	4 8	Gujránwála.
												RAWALPINDI.
9 0	8 0	8 0	7 0	11 4	10 0	6 8	7 0	6 8	‡	‡	4 0	Gujrát.
9 7	8 0	10 0	8 0	12 12	12 0	6 8	5 8	7 8	2 12	2 8	4 6	Shahpur.
11 0	10 0	10 0	10 0	10 8	10 0	5 8	5 8	5 0	‡	‡	†	Jhelum.
12 8	11 12	10 8	10 0	12 0	11 8	7 12	8 4	6 4	§	§	†	Ráwalpindi.
11 8	11 0	9 0	8 0	13 4	12 0	7 0	7 0	7 0	4 0	4 0	5 0	Attock.
10 0	10 0	*	15 0	12 0	12 0	5 12	5 12	5 8	‡	‡	†	Miánwáli.
												MULTAN.
7 12	7 8	9 0	8 0	9 0	8 0	6 0	4 8	6 0	3 0	3 0	5 0	Montgomery.
9 11	9 4	8 0	7 12	10 10	10 0	7 0	7 0	7 8	§	§	4 0	Lyallpur.
9 8	8 8	9 0	8 8	9 12	9 8	6 8	6 0	6 12	2 10	2 10	3 10	Jhang.
9 0	8 8	9 4	7 0	9 8	9 0	5 12	6 12	6 4	2 9	2 10	4 4	Multán.
7 8	7 0	7 8	7 0	9 0	9 0	6 4	6 4	6 0	3 0	3 0	4 8	Muzaffargarh.
10 0	9 0	10 8	10 0	10 0	9 8	6 10	5 12	5 0	3 2	3 2	5 10	Dera Gházi Khan.

§ Not procurable.

imports and exports.

B. D. SINGH, HEAD ASSTT. OF STATISTICS, a.
Office of Director of Land Records, Punjab

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 70 seers as compared with 55 seers in last fortnight and 54 seers in corresponding period of 1916. The chief variations in each division are—

		Same fortnight in 1916.	*Last fortnight.*	*This fortnight.*
		Seers.	Seers.	Seers.
Hissar	...	80	50	50
Jullundur	...	60	40	40
Siálkot	...	70	50	50
Gujrát	...	70	50	40
Jhang	...	75	40	30

Lahori Salt.—Prices average 11 seers as compared with 8 seers 3 chataks in last fortnight and 8 seers 13 chataks in corresponding period of 1916. The chief variations in each division are—

		Same fortnight in 1916.	*Last fortnight.*	*This fortnight*
		Seers. C.	Seers. C.	Seers. C.
Hissar	...	19 0	7 0	7 0
Ferozepore	...	10 0	7 0	7 0
Lahore	...	15 0	9 8	9 8
Shahpur	...	12 0	8 0	8 0
Muzaffargarh	...	9 0	7 0	7 0

Gur.—Prices average 6 seers 6 chataks as compared with 6 seers in last fortnight and 6 seers 9 chataks in corresponding period of 1916. The chief variations in each division are—

		Same fortnight in 1916.	*Last fortnight.*	*This fortnight.*
		Seers. C.	Seers. C.	Seers. C.
Hissar	...	6 8	5 0	8 0
Ludhiána	...	5 8	6 0	6 8
Siálkot	...	7 8	6 0	6 0
Ráwalpindi	...	6 4	8 4	7 12
D. G. Khan	...	5 0	5 12	6 10

Cotton, unginned.—Prices average 4 seers 6 chataks as compared with 3 seers 1 chatak in last fortnight and 3 seers 1 chatak in corresponding period of 1916. The chief variations in each division are—

		Same fortnight in 1916.	*Last fortnight.*	*This fortnight.*
		Seers. C.	Seers. C.	Seers. C.
Rohtak	...	5 0	3 0	3 0
Jullundur	...	5 0	2 12	2 12
Siálkot	...	5 0	3 0	3 0
Shahpur	...	4 6	2 8	2 12
D. G. Khan	...	5 10	3 2	3 2

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31ST DECEMBER 1917.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Wholesale price per maund of 82 2/7 lbs. or 40 seers of 80 tolas each.															
Name of district.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjill seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 0 0	5 0 0	4 15 0	3 7 0	...	2 12 0	3 12 0	3 5 0	3 15 0	5 0 0	5 8 0	5 4 0	5 12 0	7 0 0	6 12 0	42 0 0
Ferozepore ...	2 13 9	5 11 6	5 0 0	3 10 3	...	...	...	2 10 3	3 13 0	7 4 6	6 10 9	...	6 2 6	6 10 9	7 4 3	33 11 0
Lahore ...	2 10 9	4 13 6	5 0 0	3 5 3	3 9 0	3 7 6	4 3 3	4 3 3	4 0 0	5 5 3	5 11 3	4 13 6	6 2 6	8 0 0	6 6 3	35 8 9
Amritsar ...	2 13 6	5 4 6	4 10 0	4 0 0	...	...	...	3 11 0	3 14 6	...	6 8 0	5 8 0	6 8 0	7 12 0	5 0 0	34 8 0
Ráwalpindi ...	...	4 14 0	5 2 6	3 0 0	...	3 5 3	3 6 6	3 8 11	4 0 0	...	4 7 1	4 7 0	...	...	5 0 0	...
Lyallpur ...	3 0 0	5 11 0	4 14 0	3 0 0	...	...	...	4 0 0	...	...	...	3 13 6	6 0 0	9 0 0	5 0 0	50 8 0
Multán ...	3 0 0	5 0 0	4 13 0	3 5 0	3 11 0	3 10 0	4 3 0	3 13 0	4 1 0	...	3 4 0	6 0 0	7 0 0	6 0 0	6 10 6	43 8 0

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	Wholesale price per maund of 82 [illegible]															

SUPPLEMENTARY STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH DECEMBER 1917, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO "PUNJAB GOVERNMENT GAZETTE," DATED 28TH DECEMBER 1917.

1	2			3			4			5			6			7			8			9			10		
	Quantities per rupee by the ordinary seer of 80 tolas.																										
District.	*Wheat.*			*Barley.*			*Rice (Best sort).*			*Rice (Common).*			*Jowar or Cholum (Andropogon sorghum).*			*Bajra or Cumbu (Pennisetum typhoideum).*			*Mandwa, Marua or Ragi (Eleusine coracana).*			*Kangni or Kakun, Italian Millet (Setaria italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*		
	...ing	...30th	...t of	...ing	30th	...ht of	...ing	30th	...t of	...ing	30th	...t of	...ing	30th	...t of	...ing	30th	...t of	...ing	30th	...t of	...ing	30th	...t of	...ing	30th	...ht of

SUPPLEMENTARY STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH DECEMBER 1917, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO "PUNJAB GOVERNMENT GAZETTE," DATED 28TH DECEMBER 1917.

1	2			3			4			5			6			7			8			9			10		
	QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.																										
District.	Wheat.			Barley.			Rice (Best sort).			Rice (Common).			Jowar or Cholum (Andropogon sorghum).			Bajra or Cumbu (Pennisetum typhoideum).			Mandwa, Marua or Ragi (Eleusine coracana).			Kangni or Kakun, Italian Millet (Setaria italica).			Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).		
	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
Hissar ...	8 8	9 0	9 0	14 0	14 0	13 0	...	...	...	7 0	7 0	7 0	‡	‡	16 0	12 8	12 8	15 8	†	†	†	†	†	†	12 0	12 4	13 4
Hoshiárpur ...	8 0	8 8	9 8	11 0	9 8	12 8	...	...	...	7 3	7 4	6 6	11 0	11 0	13 0	11 8	12 0	10 0	†	‡	†	‡	‡	†	8 12	10 0	11 4

1	11			12			13			14						15			16			17
	QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.																					
District.	Maize (Zea Mays).			Arhar or Thur Cadjan Pea (Cajanus indicus).			Firewood.			Salt.						Gur.			Cotton, unginned.			Remarks.
	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.		Past fortnight ending 30th November 1917.		Corresponding fortnight of 15th December 1916.		Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	Present fortnight ending 15th December 1917.	Past fortnight ending 30th November 1917.	Corresponding fortnight of 15th December 1916.	
										Whole-sale.	Retail.	Whole-sale.	Retail.	Whole-sale.	Retail.							
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	
Hissar ...	‡	‡	†	‡	‡	†	50 0	50 0	80 0	8 0	7 0	10 8	10 0	13 0	15 0	5 0	5 8	6 8	3 8	3 8	3 8	
Hoshiárpur ...	11 4	12 0	15 0	‡	‡	†	60 0	55 0	70 0	11 0	10 0	9 0	8 8	10 0	8 0	5 8	4 14	5 0	‡	‡	4 8	

NOTES.—Prices of rice as shown in the statement are for the quality in common demand.
Variations in prices are due to fluctuations in imports and exports.

† Not produced.
‡ Not sold.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Dated Lahore, the 10th January 1918.

B. D. SINGH, HEAD ASSISTANT OF STATISTICS,
Office of the Director of Land Records, Punjab.

VITAL STATISTICS OF THE DISTRICTS (EXCLUDING TOWNS WITH POPULATION OF 20,000 OR UPWARDS) IN THE PUNJAB FOR THE MONTH OF NOVEMBER 1917.

Vital Statistics of the districts (excluding towns with populatio

Division.	No.	Districts, excluding towns.	Population under registration according to census of 1911. Males.	Females.	Total.	Births registered. Number registered (excluding still-births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Deaths. Cholera. Number registered.	Ratio per 1,000 per annum.	Small-pox. Number registered.	Ratio per 1,000 per annum.	Plague. Number registered.	Ratio per 1,000 per annum.	Fevers. Number registered.	Ratio per 1,000 per annum.
1	2	3	4	4	6	7	8	9	10	11	12	13	14	15	16	17
AMBALA.	1	Hissar	422,209	351,580	773,789	4,043	63·57	25	...	...	...	...	...	...	4,194	65·94
	2	Rohtak	385,401	329,433	714,834	4,129	70·20	49	...	...	1	0·02	...	...	2,088	34·70
	3	Gurgaon	376,330	328,057	704,387	4,058	70·09	31	...	...	2	0·04	...	...	6,492	112·12
	4	Karnál	412,911	339,516	752,427	4,218	68·22	49	...	...	1	0·02	...	...	1,657	26·89
	5	Ambála	343,881	264,179	608,060	2,558	51·18	62	1	0·02	2	0·04	8	0·16	1,125	23·61
	6	Simla	22,015	12,955	34,970	71	24·65	3	...	...	...	...	...	...	33	11·46
		Total of Division for month.	1,962,747	1,625,720	3,588,467	19,077	64·68	219	1	0·003	6	0·02	8	0·03	15,539	52·69
		Total of corresponding month of previous year.				17,678	59·94	179	...	...	4	0·01	3	0·01	5,648	19·15
JULLUNDUR.	7	Kángra	398,401	368,285	766,686	2,471	39·20	7	4	0·06	...	...	...	...	1,026	16·28
	8	Hoshiárpur ...	501,510	417,059	918,569	3,657	48·43	1	48	0·64	...	...	11	0·15	2,100	27·81
	9	Jullundur... ...	410,060	322,542	732,602	3,277	54·43	7	...	...	...	...	142	2·36	1,663	27·62
	10	Ludhiána	268,766	205,274	474,040	2,279	58·48	5	...	...	...	...	113	2·90	954	24·48
	11	Ferozepore ...	506,938	401,883	908,821	4,238	56·73	28	...	...	16	0·21	...	...	3,357	44·94
		Total of Division for month.	2,085,675	1,715,043	3,800,718	15,922	50·97	48	52	0·17	16	0·05	266	0·85	9,100	29·13
		Total of corresponding month of previous year.				15,827	50·66	16	...	...	7	0·02	...	...	5,985	19·16
LAHORE.	12	Lahore	438,215	344,472	782,688	3,836	59·64	107	...	...	22	0·34	279	4·34	4,271	66·45
	13	Amritsar	407,706	320,267	727,973	3,858	64·49	45	1	0·02	10	0·17	1	0·02	4,272	71·41
	14	Gurdáspur ...	451,935	354,196	806,131	3,827	57·75	...	...		...	...	15	0·23	2,793	42·15
	15	Siálkot	504,104	410,580	914,684	4,361	57·87	95	...	...	...	...	1	0·01	5,237	69·66
	16	Gujránwála ...	502,651	392,131	894,782	3,761	51·15	123	...	...	...	...	42	0·57	7,702	104·75
		Total of Division for month.	2,304,611	1,821,646	4,126,257	19,633	57·09	370	1	0·002	32	0·09	338	1·00	24,278	71·88
		Total of corresponding month of previous year.				20,027	59·05	293	...	...	22	0·06	6	0·02	14,419	42·63
RAWALPINDI.	17	Gujrát	400,596	345,038	745,634	3,308	53·97	104	...	...	1	0·02	4	0·07	3,768	61·48
	18	Shahpur	376,886	310,480	687,366	2,511	44·45	95	15	0·27	...	...	...	...	5,960	105·51
	19	Jhelum	262,228	241,967	504,195	1,725	41·61	30	...	...	...	...	24	0·58	2,072	50·01
	20	Ráwalpindi ...	238,776	222,224	461,000	1,830	48·30	32	...	...	...	...	379	10·00	1,038	27·40
	21	Attock	270,392	244,894	515,286	1,794	42·35	37	...	...	1	0·02	3	0·07	2,211	52·20
	22	Miánwáli	179,897	161,480	341,377	1,456	51·91	71	...	...	2	0·07	...	...	2,379	84·81
		Total of Division for month.	1,728,775	1,526,083	3,254,858	12,624	47·19	369	15	0·06	4	0·01	410	1·53	17,428	65·15
		Total of corresponding month of previous year.				12,368	46·23	161	...	...	2	0·01	42	0·16	9,367	35·02
MULTAN.	23	Montgomery ...	276,119	227,996	504,115	2,370	57·20	94	...	...	18	0·43	11	0·27	6,093	147·07
	24	Lyallpur	503,644	385,251	888,895	4,006	54·84	98	...	...	8	0·11	...	...	4,405	60·30
	25	Jhang	263,916	225,696	489,612	2,389	59·38	157	6	0·15	1	0·02	...	...	4,636	115·24
	26	Multán	388,423	327,205	715,628	3,010	51·16	181	1	0·02	4	0·07	...	...	8,518	144·77
	27	Muzaffargarh ...	308,350	261,111	569,461	1,905	40·71	210	...	...	...	...	...	...	5,912	126·32
	28	Dera Ghází Khan ...	272,409	227,451	499,860	1,454	35·40	112	...	...	...	...	...	...	5,486	133·58
		Total of Division for month.	2,012,861	1,654,710	3,667,571	15,134	50·21	852	7	0·02	31	0·10	11	0·04	35,650	116·78
		Total of corresponding month of previous year.				15,973	52·99	645	...	...	13	0·04	...	...	10,864	36·04
		Total of month for Province.	10,094,669	8,343,202	18,437,871	82,390	54·37	1,858	76	0·05	89	0·06	1,033	0·68	101,395	66·91
		Total of corresponding month of previous year.				81,873	54·03	1,394	...	...	48	0·03	51	0·03	46,283	30·54
		Increase or decrease ..	...	...	...	+517	+0·34	+464	+76	+0·05	+41	+0·03	+982	+0·65	+55,112	+36·37

Rs

Skies were unusually clear and no rainfall occurred. Temperature was appreciably below, and humidity above, normal generally in the plains.

As compared with the figures for the corresponding month of the previous year there was a slight increase of 517 births or 0·34 per mille of population which was noticed
which was general throughout the Province, but most marked (8·76) in the Lahore Division.

There was an increase of 40·33 per mille of population in the death rate for the month under report as compared with the rate for the corresponding month of the previous
This increase was noticed under all the heads of mortality but chiefly under fevers which accounted for an increase of 36·37. In districts individually it was as high as 117·57 in
month, there was an increase of 14·57 per mille in the death rate which was shared by all the divisions except Lahore and was due entirely to fevers. In districts individually the
that Siálkot showed a reduction of 12·61 per mille in the fever rate, Gujránwála 8·44 and Gurdáspur 7·24.

There were 86 deaths (including 10 in large towns with a population of 20,000 or upwards) recorded from cholera during the month under review as against 463 in th

There was an increase of 35·30 per mille in the death rate in the most important towns of the Province, when compared with the corresponding month of the previous
Amritsar, 51·17 in Jhang-Maghiana and 48·37 in Multán. Under the heads of "Dysentary and Diarrhœa" and respiratory diseases Amritsar registered an increase of 10·20 and
of mortality except small-pox and dysentary and diarrhœa. The decrease was most marked under the head of Fevers (11·90). In towns individually the decrease under the head

SANITARY COMMISSIONER'S OFFICE, LAHORE : }

of 20,000 or upwards) in the Punjab for the month of November 1917.

REGISTERED.

Dysentery and Diarrhœa. Number registered.	Dysentery and Diarrhœa. Ratio per 1,000 per annum.	Respiratory Diseases. Number registered.	Respiratory Diseases. Ratio per 1,000 per annum.	Injuries, including Suicide. Number registered.	Injuries, including Suicide. Ratio per 1,000 per annum.	Other Causes. Number registered.	Other Causes. Ratio per 1,000 per annum.	Total all Causes. Number. Males.	Total all Causes. Number. Females.	Total all Causes. Number. Total.	Total all Causes. Ratio per 1,000 per annum.	Total of corresponding month of previous year. Number. Males.	Total of corresponding month of previous year. Number. Females.	Total of corresponding month of previous year. Number. Total.	Total of corresponding month of previous year. Ratio per 1,000 per annum.	No.	Districts, excluding towns.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
94	1·33	109	1·71	9	0·14	558	8·77	2,385	2,569	4,954	77·89	1,008	1,028	2,036	32·01	1	Hissar.
90	1·36	143	2·43	23	0·39	796	13·55	1,541	1,540	3,081	52·45	906	853	1,759	29·93	2	Rohtak.
116	3·73	280	4·84	21	0·36	1,927	33·28	4,372	4,566	8,938	154·37	1,014	1,020	2,034	35·13	3	Gurgaon.
52	0·84	145	2·35	14	0·23	693	11·21	1,356	1,206	2,562	41·44	947	896	1,843	29·80	4	Karnál.
43	1·06	318	6·36	8	0·16	444	8·88	1,006	953	1,959	39·20	871	943	1,814	36·29	5	Ambála.
3	1·04	13	4·51	1	0·35	23	7·98	39	3	73	25·35	49	32	72	25·00	6	Simla.
488	1·65	1,008	3·42	76	0·26	4,441	15·06	10,699	10,868	21,567	73·13	...	...	...	...		
257	0·87	792	2·69	84	0·28	2,769	9·39	...	...	...	...	4,786	4,771	9,557	32·40		
71	1·13	200	3·17	16	0·25	498	7·90	878	937	1,815	28·80	983	1,049	2,032	32·24	7	Kángra.
...	...	263	3·48	11	0·15	493	6·53	1,505	1,421	2,926	38·75	1,148	1,036	2,184	28·92	8	Hoshiárpur.
19	0·32	147	2·44	15	0·25	520	8·64	1,275	1,231	2,506	41·62	905	887	1,792	29·76	9	Jullundur.
10	0·26	99	2·54	18	0·46	560	14·37	918	836	1,754	45·01	577	587	1,159	29·74	10	Ludhiána.
95	1·27	199	2·66	18	0·24	1,030	13·79	2,344	2,371	4,715	63·12	1,201	1,142	2,343	31·37	11	Ferozepore.
195	0·62	908	2·91	78	0·25	3,101	9·93	6,920	6,796	13,716	43·91	...	...	...	...		
141	0·45	794	2·54	78	0·25	2,505	8·02	...	...	...	...	4,814	4,696	9,510	30·44		
42	0·65	86	1·34	14	0·22	924	14·37	2,761	2,880	5,641	87·70	1,151	1,089	2,240	34·83	12	Lahore.
194	3·24	252	4·21	12	0·20	655	10·95	2,700	2,697	5,397	90·23	1,257	1,204	2,461	41·14	13	Amritsar.
293	4·41	1,447	21·83	11	0·17	59	0·89	2,280	2,337	4,617	69·67	1,597	1,531	3,128	47·20	14	Gurdáspur.
184	2·45	475	6·32	28	0·37	720	9·58	3,293	3,352	6,645	88·39	2,359	2,254	4,613	61·36	15	Siálkot.
48	0·65	47	0·64	24	0·33	568	7·72	4,326	4,105	8,431	114·66	3,276	3,196	6,472	88·03	16	Gujránwála.
760	2·24	2,307	6·80	89	0·26	2,926	8·63	15,360	15,371	30,731	90·61	...	...	...	...		
472	1·39	1,619	4·77	48	0·14	2,328	6·86	...	...	...	...	9,640	9,274	18,914	55·77		
48	0·78	157	2·56	11	0·18	435	7·10	2,179	2,245	4,424	72·18	1,501	1,468	2,969	48·44	17	Gujrát.
21	0·37	55	0·97	11	0·19	634	11·22	3,296	3,400	6,696	118·53	1,117	1,112	2,229	39·46	18	Shahpur.
24	0·58	58	1·40	9	0·22	310	7·48	1,216	1,281	2,497	60·27	884	979	1,863	44·96	19	Jhelum.
233	6·15	84	2·22	17	0·45	129	3·40	946	934	1,880	49·62	839	821	1,660	43·81	20	Ráwalpindi.
1	0·02	70	1·65	6	0·14	283	6·68	1,223	1,352	2,575	60·79	751	753	1,504	35·51	21	Attock.
30	1·07	11	0·39	5	0·18	193	6·88	1,187	1,433	2,620	93·40	968	1,060	2,028	72·30	22	Miánwáli.
357	1·33	435	1·63	59	0·22	1,984	7·42	10,047	10,645	20,692	77·35	...	...	...	...		
341	1·27	584	2·18	74	0·28	1,843	6·89	...	...	...	...	6,060	6,193	12,253	45·80		
7	0·17	9	0·22	10	0·24	363	3·76	3,129	3,382	6,511	157·16	748	787	1,535	37·05	23	Montgomery.
65	0·89	113	1·55	18	0·25	655	8·97	2,524	2,740	5,264	72·06	923	960	1,883	25·78	24	Lyallpur.
43	1·07	32	0·80	1	0·02	304	7·56	2,386	2,637	5,023	124·86	630	583	1,213	30·15	25	Jhang.
36	0·[illegible]1	8	0·14	11	0·19	585	9·94	4,562	4,601	9,163	155·75	1,420	1,449	2,869	48·77	26	Multán.
14	0·30	15	0·32	8	0·17	208	4·44	2,982	3,175	6,157	131·56	1,663	1,729	3,392	72·48	27	Muzaffargarh.
60	1·94	28	0·68	6	0·14	160	3·90	2,870	2,890	5,760	140·24	1,169	1,166	2,335	56·85	28	Dera Ghási Khan.
245	0·81	205	0·68	54	0·18	2,275	7·55	18,453	19,425	37,878	125·64	...	...	...	...		
152	0·50	161	0·53	56	0·19	1,981	6·57	...	...	...	...	6,553	6,674	13,227	43·88		
2,045	1·35	4,863	3·21	356	0·23	14,727	9·71	61,470	63,105	124,584	82·21	...	...	...	...		
1,363	0·90	3,950	2·61	340	0·22	11,426	7·54	31,853	31,608	63,461	41·88	...	...	...	...		
+682	+0·45	+913	+0·60	+16	+0·01	+3,301	+2·17	+29,626	+31,497	+61,123	+40·33	...	...	...	...		

MARKS.

throughout the Province except Lahore and Multán Divisions. Compared with the birth rate for the previous month, however, there was a decrease of 5·84 per mille of population

year. It was shared by all the divisions in the Province and was 81·78 in excess in the Multán Division, 40·73 in Ambála, 34·94 in Lahore, 31·55 in Ráwalpindi and 13·97 in Jullundur Montgomery, 105·11 in Multán, 94·95 in Gurgaon, 94·36 in Jhang, 81.47 in Dera Gházi Khan, 75·73 in Shahpur and 60·27 in Muzaffargarh. As compared with the previous increase under fevers was as high as 62·72 in Jhang, 56·93 in Montgomery, 56·32 in Gurgaon, 55·57 in Dera Ghási Khan and 55·37 in Multán. It is satisfactory however to note

previous month. The Province was free from cholera during the corresponding month of the previous year.

year. This increase was recorded under every head of mortality and was most marked under the head of fevers *i.e.*, 21·96. In towns individually it amounted to 52·37 in 28·34 respectively. Compared with the previous month there was a decrease in the important towns of the Province of 16·61 per mille of population recorded under all the heads of Fevers amounted to 43·71 in Gujránwála, 39·65 in Amritsar, 34·29 in Multán, 30·52 in Batála and 27·55 in Siálkot.

W. H. MILLS, SUPDT.,

for Sanitary Commissioner, Punjab.

Vital Statistics of the towns (with population of 20,000

District.	No.	Towns.	Population under registration according to census of 1911. Males.	Females.	Total.	Births registered. Number registered (excluding still births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Deaths. Cholera. Number registered.	Ratio per 1,000 per annum.	Small-pox. Number registered.	Ratio per 1,000 per annum.	Plague. Number registered.	Ratio per 1,000 per annum.	Fevers. Number registered.	Ratio per 1,000 per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Hissar ...	1	Bhiwáni ...	16,240	14,851	31,100	197	77·25	6	...	...	...	...	...	...	61	23·13
Gurgaon ...	2	Rewári ...	12,885	11,895	24,780	107	52·45	1	...	...	...	...	...	...	10	4·90
Karnál ...	3	Karnál ...	11,233	9,785	21,018	112	64·37	2	...	...	...	...	...	...	37	21·28
	4	Pánipat ...	13,554	12,788	26,342	131	60·65	3	...	...	5	2·31	...	...	44	20·37
Ambála ...	5	Ambála ...	13,589	10,904	24,493	116	57·71	3	5	2·49	...	...	2	1·00	47	22·98
Jullundur ...	6	Jullundur ...	30,539	24,815	55,354	280	61·40	10	...	...	...	...	1	0·22	90	19·74
Ludhiána ...	7	Ludhiána ...	24,785	18,367	43,152	194	54·80	2	1	0·28	...	...	...	...	63	23·45
Ferozepore ...	8	Ferozepore ...	13,930	10,748	24,678	87	42·65	...	...	...	...	...	...	...	57	27·94
Lahore ...	9	Lahore ...	129,513	80,758	210,271	769	44·59	47	...	...	...	...	100	5·79	823	47·63
	10	Kasúr ...	13,769	11,014	24,783	148	72·55	6	...	...	...	...	...	...	60	29·41
Amritsar ...	11	Amritsar ...	87,828	63,511	151,339	556	44·66	96	4	0·32	...	...	1	0·08	862	69·24
Gurdáspur ...	12	Batála ...	14,180	12,250	26,430	119	55·09	5	...	...	...	...	3	1·33	56	25·93
Siálkot ...	13	Siálkot ...	26,651	21,944	48,595	250	62·66	5	...	...	...	...	...	...	103	25·61
Gujránwála ...	14	Gujránwála ...	15,600	13,037	28,637	154	65·81	...	...	...	...	...	...	...	99	42·31
Ráwalpindi ...	15	Ráwalpindi ...	28,948	17,694	46,642	139	36·20	9	...	...	...	...	110	28·65	66	17·19
Jhang ...	16	Jhang-Maghiána	13,212	12,702	25,914	125	58·69	5	...	...	...	...	...	...	146	68·64
Multán ...	17	Multán ...	46,987	38,760	85,747	351	49·70	5	...	...	...	...	...	...	516	73·19
Total of month ...			513,432	385,843	899,275	3,835	51·88	205	10	0·13	5	0·07	217	2·94	3,160	42·75
Total of corresponding month of previous year						4,455	60·27	151	...	...	1	0·01	152	2·06	1,537	20·79
Increase or decrease ...			...	...	...	−620	− 8·39	+ 54	+10	+0·13	+ 4	+ 0·06	+ 65	+ 0·88	+ 1,623	+ 21·96

SANITARY COMMISSIONER'S OFFICE, LAHORE :

The 15th January 1918.

upwards) of the Punjab for the month of November 1917.

Registered.																	
Dysentery and Diarrhœa.		Respiratory Diseases.		Injuries, including Suicide.		Other Causes.		Total all Causes.				Total of corresponding month of previous year.					Towns.
								Number.				Number.					
Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	No.	
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
21	8·24	10	7·45	...	...	62	24·31	73	90	163	63·92	61	68	129	50·59	1	Bhiwáni.
9	4·41	20	9·80	...	...	52	25·49	47	44	91	44·61	28	32	60	29·41	2	Rewári.
5	2·87	10	5·75	...	...	23	13·22	37	38	75	43·10	52	43	95	54·60	3	Karnál.
13	6·03	15	6·94	...	...	49	22·69	70	56	126	58·32	30	37	67	31·02	4	Pánipat.
20	9·95	24	11·94	...	...	26	12·94	69	55	124	61·67	36	23	59	29·35	5	Ambála.
12	2·63	56	12·28	4	0·88	30	6·58	101	92	193	42·32	60	80	140	30·70	6	Jullundur
3	0·85	15	4·25	1	0·28	33	9·32	71	65	136	38·42	67	58	125	35·31	7	Ludhiána.
15	7·35	14	6·86	1	0·49	16	7·84	61	42	103	50·49	29	28	57	27·94	8	Ferozepore.
57	3·30	145	8·39	6	0·35	230	13·31	671	690	1,361	78·76	457	366	823	47·63	9	Lahore.
6	2·94	13	6·37	3	1·47	36	17·65	52	66	118	57·84	43	48	91	44·61	10	Kasúr.
171	13·73	613	49·24	9	0·72	149	11·98	900	909	1,809	145·30	322	285	607	48·76	11	Amritsar
5	2·31	18	8·33	2	0·93	3	1·39	44	43	87	40·28	35	20	55	25·46	12	Batála.
27	6·76	32	8·02	4	1·00	56	14·04	115	107	222	55·64	92	103	195	48·87	13	Siálkot.
5	2·14	15	6·41	3	1·28	12	5·13	67	67	134	57·26	97	72	169	72·22	14	Gujránwála.
17	4·43	43	11·20	2	0·52	51	13·28	152	137	289	75·26	128	164	292	76·03	15	Ráwalpindi.
14	6·57	2	0·94	...	...	21	9·86	72	111	183	85·92	33	30	63	29·58	16	Jhang-Maghiána.
41	5·82	22	3·12	...	...	138	19·57	376	341	717	101·70	138	157	295	41·84	17	Multán.
441	5·07	1,076	14·56	35	0·47	987	13·35	2,978	2,953	5,931	80·24	...	...	...	...		
260	3·52	610	8·25	28	0·38	734	9·93	1,708	1,614	3,322	44·94	...	...	...	...		
+ 181	+ 2·45	+466	+ 6·31	+ 7	+ 0·09	+ 253	+ 3·42	+1,270	+ 1,339	+ 2,609	+ 35·30	...	...	...	...		

W. H. MILLS, Supdt.,

for Sanitary Commissioner, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 5th January 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	7	9	16	10	6	4	...	...	...	2	2	2	...	4	2	...	2	49	30	1
2		Hánsi ...	14,576	5	4	9	8	5	3	...	...	...	4	...	1	...	3	...	...	...	32	29	2
3		Bhiwáni ...	31,100	15	11	26	14	8	6	...	...	...	3	2	5	...	4	1	1	2	44	24	3
4		Sirsa ...	14,629	3	3	6	10	6	4	...	...	...	8	...	...	..	2	3	1	4	21	36	4
5	Rohtak ...	Rohtak ...	19,862	10	8	18	15	8	7	...	2	...	7	...	2	...	4	3	1	4	48	40	5
6		Jhajjar ...	10,617	6	5	11	3	2	1	...	...	...	...	1	1	...	1	...	...	...	54	15	6
7		Sonepat ...	12,014	7	3	10	4	1	3	...	...	...	3	...	1	...	...	...	...	...	43	17	7
8	Gurgaon ...	Rewári ...	24,780	8	13	21	17	10	7	...	...	...	...	1	7	...	9	2	2	4	44	36	8
9	Karnál ...	Karnál ...	21,018	12	14	26	14	7	7	...	...	...	9	1	4	...	...	1	...	1	64	34	9
10		Kaithal ...	12,912	3	7	10	7	2	5	...	...	...	3	...	3	...	1*	...	3	3	41	29	10
11		Pánipat ...	26,342	13	8	21	20	13	7	...	5	...	6	...	1	...	8	4	3	7	42	40	11
12		Shahabad ...	11,054	2	4	6	5	2	3	...	...	...	1	...	1	...	3	...	2	2	29	24	12
13	Ambála ...	Ambála ...	24,493	15	20	35	20	8	12	.	...	1	4	3	5	...	7	...	1	1	75	43	13
14		Jagádhri ...	12,045	3	4	7	12	5	7	...	...	2	4	2	1	...	3	1	2	3	30	52	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	5	7	12	9	9	...	...	...	...	4	...	2	.	3	2	...	2	36	27	15
16	Jullundur ...	Jullundur ...	55,354	29	21	50	23	10	13	...	...	...	2	1	13	3	4	...	6	6	47	22	16
17	Ludhiána ...	Ludhiána ...	43,152	22	16	38	35	14	21	...	...	...	11	3	13	...	8	4	5	9	46	43	17
18		Jagráon ...	15,039	5	6	11	12	5	7	...	...	...	4	...	5	...	3	3	3	6	38	42	18
19	Ferozepore ...	Ferozepore ...	24,678	13	7	20	13	9	4	...	...	...	4	4	3	...	2	1	1	2	42	27	19
20		Fázilka ...	10,985	2	8	10	11	7	4	...	...	...	6	...	4	...	1	2	1	3	48	52	20
21	Lahore ...	Lahore ...	210,271	99	68	167	268	162	106	...	...	16	138	5	56	3	50	15	25	40	41	66	21
22		Kasúr ...	24,783	16	13	29	19	11	8	...	...	...	10	1	4	...	4	3	2	5	61	40	22
23	Amritsar ...	Amritsar ...	151,339	58	65	123	167	97	70	...	...	1	66	13	70	1	16	14	11	25	42	57	23
24	Gurdáspur ...	Batála ...	26,430	24	9	33	33	17	16	...	...	14	11	7	...	...	1	...	1	1	65	65	24
25	Siálkot ...	Siálkot ...	48,595	29	25	54	27	18	9	...	...	...	14	...	10	...	3	5	2	7	58	29	25
26	Gujránwála	Gujránwála ...	28,637	20	9	29	38	18	20	...	...	...	22	...	7	...	9	3	6	9	53	70	26
27		Wazírabad ...	17,146	5	3	8	11	7	4	...	...	...	7	1	3	..	...	...	1	1	24	33	27
28	Gujrát ...	Gujrát ...	18,692	19	9	28	11	9	2	...	...	1	5	...	4	...	1	...	...	...	78	31	28
29		Jalálpur ...	11,615	9	7	16	3	2	1	...	...	...	1	...	2	...	...	1	...	1	71	13	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Cause of death. Small-pox.	Cause of death. Plague.	Cause of death. Fever.	Cause of death. Dysentery and diarrhoea.	Cause of death. Respiratory diseases.	Cause of death. Injuries.	Cause of death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	9	7	16	3	2	1	...	...	...	3	...	...	...	...	1	...	1	54	10	30
31		Khushâb ...	10,159	1	...	1	11	3	8	...	...	...	5	2	1	...	3	1	1	2	5	56	31
32	Jhelum ...	Jhelum ...	12,298	5	4	9	6	3	3	...	...	...	2	1	2	...	1	...	...		38	25	32
33		Pind Dádan Khan	10,590	5	4	9	15	6	9	...	...	...	7	2	2	...	4	3	2	5	44	74	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	17	16	33	25	11	14	...	...	4	7	[illegible]	5	1	8	2	5	7	37	28	34
35	Lyallpur ...	Lyallpur ...	19,578	11	12	23	14	9	5	...	...	...	5		4	...	5	2	3	5	61	37	35
36	Jhang ...	Jhang-Maghiána	25,914	20	18	38	29	16	13	...	...	...	15	...	...	...	14	5	4	9	76	58	36
37		Chiniot ...	14,085	13	11	24	15	7	8	...	...	...	5	3	...		7	2	4	6	88	55	37
38	Multán ...	Multán ...	85,747	43	35	78	89	54	35	...	...		41	7	9	...	32	17	11	28	47	54	38
		Grand Total ...	1,196,515	588	493	1,081	1,046	589	457	...	7	39	449	62	253	8	228	103	110	213	47	46	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	4	6	10	14	7	7	...	...	...	5	...	2	...	7	1	2	3	27	38	
	Dharmsála	... ...	2,518	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	82	...	
	Dalhousie ..	... ...	938	...	...	...	1	...	1	...	...	...	1	...	...	...		...	...	...		48	
	Murree ...	... ...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 5th January 1918 there were 1,081 birtns registered in the 38 large municipal towns (588 males and 493 females), giving a birth rate of 47 *per mille* of population, and 1,046 deaths were registered (589 males and 457 females), giving a death rate of 46 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 66 against 25 in the corresponding week of the previous year, Amritsar 57 against 33 and Multán 54 against 35.

There were 5 deaths registered from small-pox in Pánipat and 2 in Rohtak. Of the 39 deaths from plague 16 were reported in Lahore, 14 in Batála, 4 in Ráwalpindi, 2 in Jagádhri and 1 each in Ambála, Amritsar and Gujrát.

W. H. MILLS, Supdt.,

for *Sanitary Commissioner, Punjab.*

Sanitary Commissioner's Office,
Lahore :
The 16th January 1918.

2138 PGG—630—18-1-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 4.] LAHORE, FRIDAY, JANUARY 25, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 22nd January 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water in perennial canals sufficient. Inundation canals dry. 3. Good.	Wheat, 8½ ... Bajra, 11. Gram, 12. Bejhar, 13. Prices between normal and warning rates.	...	Standing crops good, but are being damaged by rats in a few villages.
2	Rohtak ...	0·11 at Gohána ... 0·02 at Jhajjar. 0·05 at Sonepat.	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Generally good.	Wheat, 8¼ ... Barley, 12. Gram, 11. Jowar, 14. Bajra, 10. Prices between normal and warning rates.	Irrigated sugarcane good, but rats are damaging it in places. Pressing continues. Yield good.	Standing crops average to good.

2185 PGG

No.	Reporting station.	Rain	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
3	Gurgaon ...	0·27 at Sadr ... 0·15 Rewári. 0·02 at Ballabgarh.	1. Sufficient ... 2. (b) Canals flowing in Palwal and Ballabgarh Tahsils, but no irrigation was done. 3. Generally good.	Wheat, 8 to 10 ... Barley, 11½ to 13½. Gram, 11 to 12½. Jowar, 10 to 11. Bajra, 9 to 14. Maize, 10 to 11. Prices between normal and warning rates.	...	Rain was beneficial for standing crops which are generally in good condition.
4	Ambála ...	0·03 at Sadr ... 0·05 at Kharar. 0·09 at Rúpar. 0·42 at Kasauli.	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Good.	Wheat, 8 ... Gram, 10¾. Barley, 11¾. Maize, 12. Bajra, 9¾. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Rain was beneficial, but more is wanted. Condition of standing crops, specially wheat and oilseeds, good.
5	Jullundur ...	0·03 at Nakodar ...	1. Sufficient ... 2. (a) Adequate. 3. Generally good.	Wheat, 8½ .. Barley, 11½. Gram, 9½. Maize, 11. Jowar, 11. Bajra, 10. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing crops good. Rain wanted.
6	Ferozepore ..	0·12 at Sadr ... 0·06 at Moga. 0·07 at Zíra.	1. Sufficient except in Bet tracts. 2. (a) Do. 3. Good.	Wheat, 7½ ... Gram, 10. Prices between warning and scarcity rates.	...	Standing crops good. More rain badly wanted.
7	Lahore ...	0·10 at Sadr ... 0·26 at Chúnián. 0·30 at Kasúr.	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield normal.	Standing crops good.
8	Amritsar ...	0·10 at Sadr ... 0·03 at Tarn Taran. 0·14 at Ajnála.	1. Insufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Generally good.	Wheat, 8¾ ... Gram, 10¾. Barley, 10. Jowar, 14. Maize, 10⅝. Bajra, 9. Prices generally between warning and scarcity rates.	Sugarcane being pressed. Yield normal.	Standing crops average. Toria being harvested in Amritsar Tahsil. Yield normal.
9	Siálkot ...	0·04 at Zafarwál. 0·39 at Daska.	1. Scarce ... 2. (a) Sufficient. (b) Canal closed. 3. Cattle weak owing to cold and scarcity of fodder.	Wheat, 7½ to 8½ ... Barley, 12 to 12½. Maize, 10. Gram, 8½ to 9. Prices between warning and scarcity rates.	Condition and yield of sugarcane average.	Condition of standing crops generally good.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Autumn.	Prospects of — Spring.
10	Shahpur ...	0·06 at Sadr ... 0·05 at Shahpur. 0·11 at Bhalwal.	1. Sufficient ... 2. (b) Canal closed. 3. Generally good.	Wheat, 8$\frac{1}{16}$ to 9 ... Gram, 10½ to 11. Bajra, 11 to 11¾. Maize, 10 to 11. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield below normal.	Standing irrigated crops generally good and unirrigated average. More rain wanted. Toria being harvested. Yield normal.
11	Ráwalpindi ...	0·39 at Gujar Khan 0·45 at Kahúta. 0·50 at Murree.	1. Sufficient ... 3. Good.	Wheat, 7½ ... Barley, 13. Gram, 9. Bajra, 11¾. Maize, 11. Jowar, 10¾. Prices between warning and scarcity rates.	...	Rain useful. Standing crops good.
12	Miánwáli ...	0·08 at Bhakkar ...	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat, 8½ ... Bajra, 13. Jowar, 11. Gram, 11½. Barley, 13½. Prices between normal and warning rates.	...	Rain wanted. Standing crops average.
13	Lyallpur ...	0·13 at Samundri... 0·11 at Jaránwála.	1. Sufficient ... 2. (b) Normal. 3. Generally good.	Wheat, 8 ... Gram, 9. Prices at scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing crops generally good. Toria being harvested.
14	Multán ...	0·08 at Sadr ... 0·07 at Lodhrán. 0·04 at Mailsi.	1. Available ... 2. (b) Sidhnai Canal flowing by turns. 3. Fair.	Wheat, 7½ ... Gram, 7½. Bajra, 9¾. Jowar 8. Prices between warning and scarcity rates or above scarcity rates.	Picking of cotton and pressing of sugarcane continues. Yield of cotton below normal.	Standing crops good. Sowings of extra spring crops commenced.

GENERAL REMARKS.

LIGHT rain fell in parts of nearly all the reporting districts and was beneficial. More rain is wanted everywhere for standing spring crops. Pressing of sugarcane and harvesting of toria continue. Yield of sugarcane normal to good and of toria normal. Condition of standing spring crops is good. Sowings of extra spring crops commenced in a few districts. Stocks of food-grains generally sufficient. Cattle are healthy. Fodder is scarce in a few districts. Prices are generally stationary but have risen slightly in some districts. They range generally between warning and scarcity rates, except in some south-eastern districts where they range between normal and warning rates. Prices of wheat :— Ráwalpindi 7½, Ferozepore 7½, Ambála, Lahore and Lyallpur, 8 seers per rupee.

MAHBUB SHAH, SUPDT.,

For *Director of Land Records, Punjab.*

SUPPLEMENTARY TABLE OF RAINFALL RECORDED AT NIJABAT CANAL STATION IN THE LAHORE DISTRICT OF THE PUNJAB FOR THE MONTH OF OCTOBER 1917.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
LAHORE ...	Nijabat (c) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

1	2	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
District.	Station.	21st.	22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st October 1917.	Average rainfall from 1st October up to 31st October.
LAHORE ...	Nijabat (c) ...	...	...	...	...	...	0·30	0·94	...	...	...	...	2	0·2	1·24	0·16	0·94	1·24	0·16

MAHBUB SHAH, SUPDT.,

Office of Director of Land Records, Punjab.

SUPPLEMENTARY TABLE OF RAINFALL RECORDED AT NIJABAT CANAL STATION IN THE LAHORE DISTRICT FOR THE MONTH OF NOVEMBER 1917.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Lahore ...	Nijabat C ...	..		...	...	...	...	...	...	..	..	...	...	...	...	...	...	..	...	...	...

1	2	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
District.	Station.	21st.	22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October up to 30th November 1917.	Average rainfall from 1st October up to 30th November.
Lahore ...	Nijabat C ...	...	...	...	..	..	..	...	...	..	...	...	Nil	0·1	Nil	0·03	Nil	1·24	0·19

MAHBUB SHAH, Supdt.,

Office of Director of Land Records, Punjab.

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TABLE OF RAINFALL RECORDED AT STATIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Hissar.	Sirsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·46	...	...
	Fatahabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0 24	...	...
	Hissar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	...	...
	Hansi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0 09	...	...
	Bhiwani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0 30	...	...
	Budhlada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		0·51	...	...
	Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rohtak.	Rohtak ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	0 12	...
	Gohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	...	...
	Sampla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	0·10	...
	Jhajjar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	0 11	...
	Salhawas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	...
	Beri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·-0	...	...	...
	Sonepat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		0·26	0·40	...
Gurgaon.	Farrukhnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jatusana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rewari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	0·22	...
	Khol ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tauru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nuh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...
	Firozpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hasanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
	Hattin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...
	Sohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
	Gurgaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...
	Punahana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ballabgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
Karnal.	Panipat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0 13	0·30	...	...
	Karnal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	0·48	...	...
	Rajaund ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	0·20	...	...
	Kaithal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·[illegible]1	...	...
	Gulah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·54	...	...	...
	Thanesar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	0·31	...	...
Ambala.	Jagadhri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...
	Ambala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	0·61	...
	Naraingarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0 66	...
	Kharar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	0·48	...
	Rupar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·27	0·54	...
	Kasauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·81	...
	Dadupur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...
Simla.	Baranli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·06	...	...
	Simla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	0·50	...
	Kot Khai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·06	...	...
	Kotgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·76	...	...
	Kilba ...	...	...	...	...	...	Statement not received.					...	...	...	...	...	...	...	...	...	...	...

C—Denotes canal
?—Indicates that no

IN THE PUNJAB FOR THE MONTH OF DECEMBER 1917.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st December 1917.	Average rainfall from 1st October up to 31st December.	Station.	District.
...	...	...	...	...	...	...	...	...	...	1	0·7	0·46	0·33	0·46	4·19	0·53	Sirsa	Hissar.
...	...	...	...	...	...	...	...	...	...	1	0·6	0·24	0·21	0·24	4·58	0·48	Fatahabad	
...	...	...	...	...	...	...	...	...	...	1	0·7	0·14	0·42	0·14	6·81	0·63	**Hissar**	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	0·09	0·23	0·09	7·80	0·45	Hansi	
...	...	...	...	...	...	...	...	...	...	1	0·6	0·30	0·37	0·30	2·60	0·60	Bhiwani	
...	...	...	...	...	...	...	...	...	...	1	0·9	0·51	0·39	0·51	7·31	0·57	Budhlada	
...	...	...	...	...	...	...	...	...	...	Nil	0·3	Nil	0·17	Nil	3·37	0·50	Tohana	
...	...	...	...	...	...	...	...	...	...	2	0·8	0·37	0·48	0·25	1·65	0·80	**Rohtak**	Rohtak.
...	...	...	...	...	...	...	...	...	...	1	0·6	0·11	0·44	0·11	4·50	0·76	Gohana	
...	...	...	...	...	...	...	...	...	...	2	0·6	0·40	0·32	0·30	3·00	0·64	Sampla	
...	...	...	...	...	...	...	...	...	...	1	0·6	0·19	0·31	0·11	3·51	0·65	Jhajjar	
...	...	...	...	...	...	...	...	...	...	1	0·6	0·14	0·37	0·14	2·89	0·79	Salhawas	
...	...	...	...	...	...	...	...	...	...	1	?	0·20	?	0·20	2·03	?	Beri	
...	...	...	...	...	...	...	...	...	...	2	0·7	0·66	0·42	0·40	1·82	0·83	Sonepat	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·23	Nil	1·30	0·69	Farrukhnagar	Gurgaon.
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·22	Nil	0·90	0·60	Jatusana	
...	...	...	...	...	...	...	...	...	...	1	0·6	0·29	0·26	0·22	4·11	0·70	Rewari	
...	...	...	...	...	...	...	...	...	...	Nil	0·4	Nil	0·20	Nil	2·43	0·89	Khol	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·38	Nil	1·45	0·96	Tauru	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	0·03	0·35	0·03	2·05	0·98	Nuh	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·28	Nil	1·72	0·84	Firozpur	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·20	?	Hasanpur	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·38	Nil	0·60	0·96	Hattin	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	0·02	0·30	0·02	2·42	0·96	Palwal	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·32	Nil	2·29	0·89	Sohana	
...	...	...	...	...	...	...	...	...	...	1	0·8	0·20	0·36	0·20	2·88	0·93	**Gurgaon**	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·42	Nil	1·50	1·[illegible]9	Punahana	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·36	Nil	2·55	0·81	Ballabgarh	
...	...	...	...	...	...	...	...	...	...	2	0·7	0·43	0·38	0·[illegible]0	2·97	0·76	Panipat	Karnal.
...	...	...	...	...	...	...	...	0·03	...	1	1·3	0·56	0·52	0·48	5·98	0·96	**Karnal**	
...	...	...	...	...	...	...	...	...	...	2	0·8	0·70	0·31	0·50	4·10	0·64	Rajaund	
...	...	...	...	...	...	...	...	...	...	1	0·7	0·51	0·28	0·51	6·01	0·48	Kaithal	
...	...	...	...	...	...	...	...	...	...	1	1·1	0·54	0·38	0·54	8·83	0·60	Gulah	
...	...	...	...	...	...	...	...	...	...	2	0·8	0·6[illegible]	0·42	0·31	6·44	0·80	Thanesar	
...	...	...	...	...	...	...	...	...	...	1	1·0	0·50	0·57	0·50	9·92	1·12	Jagadhri	Ambala.
...	...	...	...	...	...	...	...	0·07	...	1	1·2	0·73	0·55	0·61	7·90	1·04	**Ambala**	
...	...	...	...	...	...	...	...	...	...	1	1·0	0·66	0·68	0·66	8·73	1·30	Naraingarh	
...	...	...	...	...	...	...	...	...	...	1	1·0	0·57	0·52	0·48	7·24	1·00	Kharar	
...	...	...	...	...	...	...	...	...	...	2	1·1	0·81	0·68	0·54	8·51	1·17	Rupar	
...	...	...	...	...	...	...	...	...	...	1	1·6	1·81	1·07	1·81	13·1[illegible]	1·99	Kasauli	
...	...	...	...	...	...	...	...	...	...	1	1·3	0·60	0·65	0·60	10·10	1·58	Dadupur	
...	...	...	...	...	...	...	...	...	...	1	1·5	1·06	0·84	1·06	8·11	1·67	Barauli	Simla.
...	...	...	...	...	...	...	...	0·01	...	1	2·1	0·52	1·24	0·50	7·51	2·56	**Simla**	
...	...	...	...	...	...	...	...	...	...	1	1·4	1·06	0·8[illegible]	1·06	7·16	1·94	Kot Khai	
...	...	...	...	...	...	...	...	...	...	1	1·6	0·76	0·91	0·76	7·86	1·[illegible]8	Kotgarh	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kilba	

rain-gauge station.
averages have been fixed.

Table of Rianfall recorded at Stations in th

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station	1st.	2nd.	3rd	4th.	5th	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jind State.	Dhaneta C	...	...	...	...		...	...		...	...		...	...		...	...	...	...	0·22	0·54	...
	Safidan C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikaner State.	Chhani C		...	...	...	...	...	...		...	...	...	...	...		...	...		...	...	...	...
Patiala State.	Kotra C	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...		0·40	...	...
	Jodhpur C	...	...	...	...	...	...	...	...	...	...		...	...		...	...	...	...	0·46	...	...
	Raniki C	...	...	...	...		...	...		...	...	...	...	...		...	...	...	0·59	...	...	...
	Lehal C	...	...	...	...		...		...	...	...	...		...	...	...	...	...	...	...	0·55	...
	Gujran C	...	...	...	...		...	...		...	...	...	...	...	...	...	...	...	...	0·45	0·40	...
	Barthala C			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·24	...	...
Nabha State.	Dadahur C	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	0·10	...	...	...
	Bundher C	...	...		...	...		...	...	...	...	...	...		...	...	...		...	0·68	...	...
Kangra.	Banjar (Saraj Tahsil)	...	...	...	...	...	...	...	...		...	...	...		...	...	...	...	...	...	1·03	...
	Kulu	...	...	...	...	...	...	...	...	...	...	...		...		...	...	...	...	...	0·59	...
	Nagar	...		0·02	...	...		...	...	...	...	...	...	...	...	...	...	...	...	0·02	0·05	...
	Palampur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	0·55	...
	Hamirpur	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·45	...
	Dera	...	...	0·04	...	...		...	...	...	...	...	...		...	...	...	...	...	0·16	0·83	...
	Kangra	...	...	0·08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·16	0·30	...
	Dharmsala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·77	...
	Nurpur	...	...	0·19	...		...	...	...		0·C9	...	...	...	...	...	...	...	...	0·31	0·39	...
Hoshiarpur.	Dasuya	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	0·59	...	...
	Una	...	...	...	...		...	...		...	...	...			...		...	...	...	...	0·5[illegible]	...
	Garhshankar	...	...		...	...	...	...		...	...	...	...		...	...	...	...	...	0·46	...	...
	Hoshiarpur	...	...	...	...	...	...	...	...		...	...					...	...	...	0·45	0·08	...
	Tanda	...	...	...	...	...		...	...	...	...		...	...			...	...	...	...	...	...
Jullundur.	Jullundur	...	...	...	...	...	...	...			...					...	...	...	...	0·29	...	...
	Nakodar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·19	...	...
	Phillaur	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
	Nawashahr	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	0·29	0·21	...
Ludhiana.	Samrala	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	0·3[illegible]	...
	Ludhiana	...			...	...	...	...	...	R	...	...	...	...	...		...	...	...	0·16	0·07	
	Jagraon	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	
Ferozepore.	Moga	...		...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·24	...	...
	Zira	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	0·51	...	...
	Ferozepore Sadr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·22	...	...
	Ferozepore City	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	0·28	...	...
	Muktsar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...
	Fazilka	...	...		...	...		...	...	...	...	...	...	...	...	...	...		...	...	...	...
	Nathana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Abohar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gobindgarh C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·13	...	...
	Phidda C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·75		...	...

C—Denotes canal
R—Denotes slight
?—Indicates that no

Punjab for the month of December 1917—continued.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st December 1917.	Average rainfall from 1st October up to 31st December.	Station	District
...	...	...	...	...	...	...	...	...	...	2	1·0	0·76	0·32	0·54	11·78	0·61	Dhaneta *C*	Jind State.
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·42	Nil	4·03	0·80	Safidan *C*	
...	...	...	...	...	...	...	...	...	...	Nil	**0·8**	Nil	**0·36**	Nil	**4·90**	**0·57**	**Jind *C***	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·25	Nil	5·10	0·33	Chhani *C*	Bikaner State.
...	...	...	...	...	...	...	...	...	...	1	1·0	0·40	0·30	0·40	7·52	0·51	Kotra *C*	Patiala State.
...	...	...	...	...	...	...	...	...	...	1	0·8	0·46	0·26	0·46	3·81	0·54	Jodhpur *C*	
...	...	...	...	...	...	...	...	...	...	1	1·0	0·59	0·40	0·59	7·14	0·59	Raniki *C*	
...	...	...	...	...	...	...	...	...	...	1	1·2	0·55	0·54	0·55	9·95	1·01	Lehal *C*	
...	...	...	...	...	...	...	...	...	...	2	1·0	0·8	0·45	0·45	10·85	0·77	Gujran *C*	
...	...	...	...	...	...	...	...	...	...	1	1·2	0·24	0·55	0·24	8·02	1·02	Barthala *C*	
...	...	...	...	...	...	...	...	...	...	1	0·9	0·10	0·50	0·10	4·01	0·65	Dadahur *C*	Nabha State.
...	...	...	...	...	...	...	...	...	...	1	0·9	0·68	0·35	0·68	5·50	0·53	Bundher *C*	
...	...	...	...	...	...	...	2·50	...	...	2	2·0	3·53	1·14	2·50	9·47	2·26	Banjar (Saraj Tahsil)	Kangra.
...	...	...	...	...	...	...	...	0·15	...	2	2·1	0·72	1·49	0·59	7·94	2·90	Kulu	
...	...	...	...	...	...	...	...	0·10	...	1	3·1	0·10	1·95	0·10	6·34	3·66	Nagar	
...	...	...	...	...	...	...	...	0·10	...	2	2·1	0·70	1·64	0·55	6·32	2·93	Palampur	
...	...	...	...	...	...	...	...	...	...	1	1·5	0·45	1·10	0·45	6·24	1·63	Hamirpur	
...	...	...	...	...	0·01	...	...	...	...	2	1·4	0·54	1·17	0·33	6·81	1·57	Dera	
...	...	...	...	...	...	...	...	...	...	2	1·8	0·54	1·35	0·30	4·79	1·97	Kangra	
...	...	...	...	...	...	...	...	...	...	**1**	**2·1**	**0·77**	**1·74**	**0·77**	**5·67**	**2·90**	**Dharmsala**	
...	...	...	...	...	...	0·11	...	...	...	4	1·7	1·09	1·47	0·39	6·49	2·25	Nurpur	
...	...	...	...	...	...	...	...	...	...	1	1·1	0·59	0·86	0·59	7·98	1·21	Dasuya	Hoshiarpur.
...	...	...	...	...	...	...	...	...	...	1	1·1	0·56	0·85	0·56	9·48	1·20	Una	
...	...	...	...	...	...	...	...	...	...	1	1·0	0·46	0·75	0·46	8·03	1·18	Garhshankar	
...	...	...	...	...	...	...	...	...	...	**1**	**1·4**	**0·53**	**1·09**	**0·45**	**7·11**	**1·48**	**Hoshiarpur**	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	Tanda	
...	...	...	...	...	...	...	...	...	...	**1**	**1·1**	**0·29**	**0·74**	0·29	**6·29**	**0·98**	**Jullundur**	Jullundur.
...	...	...	...	...	...	...	...	...	...	1	0·8	0·19	0·40	0·19	6·00	0·57	Nakodar	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·39	Nil	6·50	0·95	Phillaur	
...	...	...	...	...	...	...	...	...	...	2	1·0	0·50	0·66	0·29	7·88	1·06	Nawashahr	
...	...	...	...	...	...	...	...	...	...	1	0·9	0·35	0·49	0·32	8·17	1·00	Samrala	Ludhiana.
...	...	...	...	...	...	...	...	...	...	**1**	**0·9**	**0·23**	**0·58**	**0·16**	**7·68**	**0·95**	**Ludhiana**	
...	...	...	...	...	...	...	...	...	...	1	0·9	0·17	0·43	0·17	5·39	0·59	Jagraon	
...	...	...	...	...	...	0·01	...	...	...	1	0·7	0·26	0·37	0·24	5·64	0·55	Moga	Ferozepore.
...	...	...	...	...	...	...	...	...	...	1	0·7	0·51	0·32	0·51	8·80	0·53	Zira	
...	...	...	...	...	...	...	...	...	...	**1**	**0·6**	**0·22**	**0·25**	**0·22**	**3·46**	**0·51**	**Ferozepore Sadr**	
...	...	...	...	...	...	...	...	...	...	1	1·0	0·28	0·34	0·28	3·63	0·54	Ferozepore City	
...	...	...	...	...	...	...	...	...	...	1	0·5	0·30	0·18	0·30	3·70	0·34	Muktsar	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·23	Nil	0·78	0·32	Fazilka	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·28	Nil	4·25	0·43	Nathana	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·16	Nil	2·26	0·21	Jalalabad	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·31	?	Abohar.	
...	...	...	...	...	...	...	...	...	...	1	0·6	0·13	0·26	0·13	2·48	0·38	Gobindgarh *C*	
...	...	...	...	...	...	...	...	...	...	1	0·6	0·75	0·25	0·75	5·75	0·42	Phidda *C*	

rain-gauge station.
rainfall.
averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th	19th.	20th.	21st.
Lahore.	Van *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chunian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kasur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pambe *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Niazbeg *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore Cant. *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manihala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dafthu *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nijabat *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amritsar.	Buchar *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·[illegible]5	...
	Khara *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...
	Tarn Taran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...
	Raya *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·65	...	...
	Amritsar Jail Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...
	Amritsar *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...
	Buggeh *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ajnala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06
Gurdaspur.	Aliwal *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...
	Batala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	...	...
	Tibri *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3[illegible]	0·05	...	...
	Gurdaspur	...	...	0·01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**0·27**	**0·15**	...
	Pathankot	...	...	0·07	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	0·39	0·42	...
	Dalhousie	...	...	0·06	...	...	...	...	...	...	0·35	...	...	...	...	...	...	...	...	0·05	1·20	...
	Madhopur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	0·5		...
	Shakargarh	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	0·10	0·1	...
Sialkot.	Zafarwal	...	...	0·10	...	...	...	...	...	...	0·08	...	...	...	...	...	...	...	...	...	0·09	...
	Pasrur	...	...	0·09	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...	0·11	...
	Raya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	Daska	...	0·08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot	...	**0·12**	**0·06**	...	...	...	...	...	...	0·11	...	...	...	...	...	...	...	...		**0·11**	...
Gujranwala.	Ramnagar	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·35	...
	Wazirabad	...	0·18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	0·06	...
	Gujranwala Sadr Kacheri.	...		**0·14**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**0·04**	...
	Sheikhupura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hafizabad	...	0·02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khangah Dogran	...	0·02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sharakpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shahjamal *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pacca Dalla *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Feroz *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gujrat.	**Sadr (Gujrat)**	...	**0·12**	...	...	...	...	...	...	...	**0·18**	...	...	...	...	...	...	...	...	...	**0·18**	...
	Kharian	...	0·12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·22	0·54	...
	Phalia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	0·31	...
Shahpur.	Midh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...
	Nurpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sakesar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·00		...
	Naushehra	...	0·39	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·95	...
	Khushab	...	0·10		...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	0·30	...
	Shahpur	...	**0·12**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**0·25**	...
	Bhera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...
	Sargodha	...	0·04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		0·02	...

C—Denotes canal
?—Indicates that no

Punjab for the month of December 1917—continued

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st December 1917.	Average rainfall from 1st October to 31st December.	Station.	District.
...	...	...	...	...	...	...	0·20	...	...	1	0·7	0·20	0·34	0·20	0·40	0·56	Van C	Lahore.
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·20	Nil	Nil	0·41	Chunian	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·27	Nil	2·31	0·53	Kasur	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·32	Nil	0·50	0·54	Pambe C	
...	...	...	...	...	...	...	0·05	...	...	Nil	0·7	0·05	0·35	0·05	1·05	0·68	Niazbeg C	
...	...	...	...	...	...	...	0·03	...	...	Nil	0·9	0·03	0·40	0·03	1·15	0·72	Lahore	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·37	Nil	1·10	0·76	Lahore Cant. C	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·25	Nil	4·55	0·41	Manihala C	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·34	Nil	1·30	0·59	Dafthu C	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·19	Nil	1·24	0·38	Nijabat C	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	0·05	0·37	0·05	3·00	0·67	Buchar C	Amritsar.
...	...	...	...	...	...	...	...	...	...	1	0·7	0·30	0·31	0·30	8·80	0·40	Khara C	
...	...	...	...	...	...	...	...	...	...	1	0·7	0·15	0·34	0·15	9·67	0·60	Tarn Taran	
...	...	...	...	...	...	...	...	...	...	1	0·8	0·65	0·46	0·65	7·90	0·73	Raya C	
...	...	...	...	...	...	0·02	...	...	...	Nil	1·1	0·05	0·49	0·03	3·69	0·78	Amritsar Jail Hospital	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	0·02	0·46	0·02	5·27	0·81	Amritsar C	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·31	Nil	3·50	0·63	Buggeh C	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	0·06	0·31	0·06	3·55	0·61	Ajnala	
...	...	...	...	...	0·10	...	...	...	...	2	1·3	0·22	0·61	0·12	5·42	0·99	Aliwal C	Gurdaspur.
...	...	...	...	...	...	...	...	...	...	1	1·0	0·23	0·61	0·23	7·95	0·91	Batala	
...	...	...	...	...	...	...	...	...	...	1	1·3	0·35	0·91	0·30	6·45	1·23	Tibri C	
...	...	...	...	...	...	...	0·10	...	...	3	1·1	0·53	0·84	0·27	7·10	1·17	Gurdaspur	
...	...	...	...	...	...	...	...	...	...	2	1·4	0·92	1·10	0·42	7·81	1·45	Pathankot	
...	...	...	...	...	...	0·48	0·39	...	...	4	2·2	2·53	2·20	1·20	10·17	3·34	Dalhousie	
...	...	...	...	...	0·23	...	...	...	...	3	2·0	1·13	1·45	0·50	8·33	1·92	Madhopur C	
...	...	...	...	...	0·20	...	...	...	...	3	1·0	0·42	0·71	0·18	8·45	1·12	Shakargarh	
...	...	...	...	...	...	0·07	...	...	...	1	1·0	0·34	0·58	0·10	4·12	0·90	Zafarwal	Sialkot.
...	...	...	...	...	...	...	...	...	...	1	0·9	0·24	0·64	0·11	5·09	0·97	Pasrur	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·42	Nil	2·75	0·75	Raya	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	0·08	0·55	0·08	2·52	0·94	Daska	
...	...	...	...	...	...	0·04	...	...	...	3	1·1	0·44	0·64	0·12	3·64	1·1	Sialkot	
...	...	...	...	...	...	0·25	...	0·05	...	2	0·8	0·70	0·60	0·35	1·15	0·79	Ramnagar	Gujranwala.
...	...	...	...	...	...	...	...	...	...	1	0·8	0·27	0·58	0·18	1·07	0·96	Wazirabad	
...	...	...	...	...	...	...	...	...	...	1	0·9	0·18	0·55	0·14	1·10	1·00	Gujranwala Sadr Kacheri.	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·36	Nil	0·25	0·51	Sheikhupura	
...	...	...	...	...	...	0·10	...	...	...	1	0·8	0·12	0·48	0·10	0·19	0·79	Hafizabad	
...	...	...	...	...	...	0·08	...	...	...	Nil	1·1	0·10	0·59	0·08	0·10	0·72	Khangah Dogran	
...	...	...	...	...	...	...	0·05	...	...	Nil	0·6	0·05	0·26	0·05	0·34	0·41	Sharakpur	
...	...	...	...	...	...	0·10	...	0·31	...	2	?	0·41	?	0·31	0·41	?	Shahjamal C	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·35	Nil	Nil	0·35	Pacca Dalla C	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·35	Nil	Nil	0·40	Feroz C	
...	...	...	...	...	...	0·19	...	...	...	4	1·3	0·67	0·61	0·19	1·92	1·10	Sadr (Gujrat)	Gujrat.
...	...	0·04	...	...	...	0·19	...	...	...	4	1·1	1·11	0·67	0·54	3·34	1·20	Kharian	
...	...	...	...	...	...	0·07	0·11	0·09	...	2	0·8	[illegible]	0·43	0·31	0·73	0·85	Phalia	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·35	Nil	Nil	0·53	Midh	Shahpur.
...	...	...	...	...	...	...	...	...	...	1	0·6	0·10	0·30	0·10	0·10	0·47	Sahiwal	
...	...	...	...	...	...	...	...	...	...	Nil	0·4	Nil	0·17	Nil	Nil	0·36	Nurpur	
...	...	...	...	...	0·20	...	...	...	...	2	0·4	1·20	0·27	1·00	1·20	0·44	Sakesar	
...	...	0·08	...	...	0·17	...	...	0·05	...	3	0·9	1·59	0·46	0·95	1·59	0·76	Naushehra	
...	...	...	...	...	0·02	...	...	...	...	2	0·4	0·42	0·27	0·30	0·42	0·53	Khushab	
...	...	...	...	...	...	...	...	...	...	2	0·7	0·37	0·27	0·25	0·37	0·67	Shahpur	
...	...	...	...	...	...	...	...	...	...	1	0·5	0·40	0·28	0·40	0·40	0·59	Bhera	
...	...	0·02	...	...	0·10	0·04	0·07	0·25	...	2	0·7	0·54	0·28	0·25	0·54	0·38	Sargodha	

rain-gauge station.
averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jhelum.	Pind Dadan Khan ...	...	0·16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·57	...
	Sadr Station (Jhelum)	...	0·52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·16	1·19	...
	Chakwal ...	...	0·22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·58	0·88	...
Rawalpindi.	**Rawalpindi** ...	...	0·61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·12	1·48	...
	Gujar Khan ...	...	0·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·73	1·10	...
	Kahuta ...	...	0·57	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·00	1·30	...
	Murree ...	0·02	0·94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...
Attock.	Talagang ...	...	0·42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·23	0·08	...
	Pindigheb ...	R	0·56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·22	...	...
	Fatehjang ...	...	0·65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·45	0·45	...
	Attock ...	0·11	1·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·45	0·20	...
Mianwali.	**Mianwali** ...		0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Isa Khel ...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhakkar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery.	Gugera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pakpattan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dipalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lyallpur.	Toba Tek Singh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Samundri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jaranwala ...	...	0·04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tarkhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muridwala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wariam *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Badwali *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhang.	Shorkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chiniot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Laklani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sandyanwala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan.	Mailsi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lodhran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shujabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Multan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kabirwala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muzaffargarh.	Alipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sinanwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah ...	...	0·06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dera Ghazi Khan.	Taunsa (Sanghar Tahsil).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dera Ghazi Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Munro ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—Denotes canal
R—Denotes slight
?—Indicates that no

Punjab for the month of December 1917—concluded.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st December 1917.	Average rainfall from 1st October up to 31st December.	Station.	District.
...	...	...	...	...	0·05	0·03	...	...	...	2	0·8	0·81	0·40	0·57	1·66	0·87	Pind Dadan Khan	Jhelum.
...	...	0·03	...	...	...	0·13	...	...	...	4	1·2	2·03	0·62	1·19	3·52	1·20	**Sadr Station (Jhelum)**	
...	...	...	...	...	...	...	0·10	0·12	...	5	1·0	1·90	0·52	0·88	2·22	0·95	Chakwal	
...	...	0·13	...	...	...	0·09	0·63	0·01	...	5	1·7	4·07	0·91	1·48	4·13	1·78	**Rawalpindi**	Rawalpindi.
...	...	0·41	...	...	...	0·11	0·24	0·02	...	6	1·7	3·01	0·90	1·10	3·21	1·59	Gujar Khan	
...	...	0·14	...	...	0·03	0·15	0·07	...	...	5	1·7	3·26	1·29	1·30	3·65	2·03	Kahuta	
...	...	...	...	...	...	...	...	...	...	1	1·9	0·96	1·15	0·94	1·88	3·44	Murree	
...	...	0·11	...	...	0·03	...	...	...	...	3	0·9	1·87	0·43	1·23	2·37	0·88	Talagang	Attock.
...	...	...	...	...	R	R	...	0·12	...	3	0·8	1·90	0·46	1·22	2·46	1·10	Pindigheb	
...	...	0·09	...	...	...	0·03	...	0·14	...	4	1·3	2·81	0·86	1·45	2·81	1·42	Fatehjang	
...	...	...	...	...	0·02	0·13	R	0·25	...	6	1·2	2·21	0·72	1·05	2·88	1·18	**Attock**	
...	...	...	...	...	0·07	...	0·11	...	...	2	0·6	0·48	0·24	0·30	0·48	0·53	**Mianwali**	Mianwali.
...	...	...	...	...	...	...	...	...	...	1	0·5	0·30	0·27	0·30	0·30	0·60	Isa Khel	
...	...	...	...	...	0·09	...	...	...	...	Nil	0·5	0·09	0·15	0·09	0·09	0·24	Bhakkar	
...	...	...	...	...	...	...	0·10	...	...	1	0·5	0·10	0·22	0·10	0·10	0·30	Gugera	Montgomery.
...	...	...	...	...	0·05	0·03	0·16	...	...	1	0·6	0·24	0·27	0·11	0·24	0·36	**Montgomery**	
...	...	...	...	...	...	...	...	...	...	Nil	0·4	Nil	0·19	Nil	0·12	0·26	Pakpattan	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·23	Nil	0·32	0·31	Dipalpur	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·20	Nil	Nil	0·25	Toba Tek Singh	Lyallpur.
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·15	Nil	Nil	0·35	Samundri	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·20	Nil	Nil	0·37	**Lyallpur**	
...	...	...	...	...	...	...	...	...	...	Nil	0	0·04	0	0·04	0·04	0	Jaranwala	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·25	Nil	Nil	0·33	Lyallpur *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·19	Nil	Nil	0·23	Tarkhani *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·4	Nil	0·16	Nil	Nil	0·18	Muridwala *C*	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	Wariam *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·21	Nil	Nil	0·26	Badwali *C*	
...	...	...	...	...	0.02	...	...	...	...	Nil	0·5	0.02	0·15	0·02	0·02	0·25	Shorkot	Jhang.
...	...	...	...	...	0·11	...	0·19	...	...	2	0·6	0·30	0·24	0·19	0·30	0·33	**Jhang**	
...	...	...	...	...	...	...	0·07	0·15	...	1	0·5	0.22	0·25	0·15	0·32	0·42	Chiniot	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·22	Nil	Nil	0·37	Laklani *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·3	Nil	0·10	Nil	Nil	0·17	Sandyanwala *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·18	Nil	Nil	0·24	Mailsi	Multan.
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·14	Nil	Nil	0·18	Lodhran	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·17	Nil	Nil	0·23	Shujabad	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·27	Nil	Nil	0·34	**Multan**	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·16	Nil	Nil	0·25	Kabirwala	
...	...	...	...	...	...	...	...	...	...	Nil	0·4	Nil	0·14	Nil	Nil	0·21	Alipur	Muzaffargarh.
...	...	...	...	...	0·04	...	...	...	...	Nil	0·6	0·04	0·26	0·04	0·04	0·34	**Muzaffargarh**	
...	...	...	...	...	0·11	...	...	...	...	1	0·5	0·11	0·21	0·11	0·11	0·27	Sinanwan	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	0·06	0·20	0·06	0·06	0·25	Leiah	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·16	Nil	Nil	0·21	Taunsa (Sanghar Tahsil)	Dera Ghazi Khan.
...	...	...	...	...	0·07	...	...	...	...	Nil	0·5	0·07	0·22	0·07	0·07	0·33	**Dera Ghazi Khan**	
...	...	...	...	...	...	...	...	...	...	Nil	0·3	Nil	0·17	Nil	Nil	0·30	Fort Munro	
...	...	...	...	...	...	...	...	...	...	Nil	0·4	Nil	0·17	Nil	Nil	0·24	Jampur	
...	...	...	...	...	R	R	...	...	...	Nil	0·3	Nil	0·09	Nil	Nil	0·13	Rajanpur	

rain-gauge station.
rainfall.
averages have been fixed.

MAHBUB SHAH, SUPERINTENDENT,
Office of Director of Land Records, Punjab.

Notes on the condition and prospects of crops, etc., in each district of the Punjab for the month of December 1917.

1.—Hissar District.

Rain benefited the standing rabi crops, which are in good condition. Rats appeared in some villages, damaging the crops slightly. Cattle in good condition. Fodder sufficient. Public health good. Water in perennial and inundation canals sufficient. Prices stationary.

2.—Rohtak District.

Standing crops benefited by rainfall. Sowings of wheat and barley continued in some part of Tahsil Jhajjar. Area sown is above normal. Standing crops are in good condition. Sugarcane is being pressed. Yield is normal. Cattle are generally in good condition. Fodder is sufficient. Health of people generally good. Supply of canal water was adequate. Prices are between normal and scarcity rates. Movements of food-grains are slack.

3.—Gurgaon District.

Rain during the month very slight, winter rains are needed. Rabi sowings finished. Germination good. Sugarcane being pressed and yield is estimated to be normal. Cattle in good condition. Fodder and water sufficient. Health of people poor. Canal running in Palwal and Ballabgarh Tahsils, but no irrigation was done.

4.—Karnal District.

The rainfall was slight and was beneficial for the standing crops. Sowing of wheat was completed. The condition and expected yield of crops are good. Rain is needed for unirrigated area. The condition of cattle is good. Fodder and water sufficient. The prices of fodder are rising. Grazing exhausted in the jungle. The state of the public health is generally good. Canals worked satisfactorily. No inundation.

5.—Ambala District.

Rainfall slight. Sowings of wheat finished. Condition of the standing sugarcane and rabi crops is good. Reaping of toria and pressing of sugarcane in progress. Yield of kharif crops on the whole average. Cattle are generally in good condition. Fodder and water-supply sufficient. Public health generally good. Western Jamna Canal flowed continuously. Supply sufficient, but no irrigation was done. Prices stationary.

6.—Simla District.

Rainfall sufficient. Sowings over. Condition of crops good. Condition of cattle good. Fodder and grazing sufficient. Public health good. Water in hill streams sufficient.

7.—Kangra District.

Rainfall was generally below the average. Sowings of rabi crops were completed. The condition of crops is good at present. Cattle are in good condition. Fodder is generally sufficient. Public health is generally good. Water in streams and kuhls was generally sufficient.

8.—Hoshiarpur District.

Late sowings of wheat continue in the Bet Ilaqa. Sugarcane is being pressed. Outturn good. The condition of rabi crops is good. Cattle generally healthy. Fodder sufficient. Public health good. Shah Nahr Canal closed. Prices rising.

9.—JULLUNDUR DISTRICT.

The rainfall is much below average. Sowings of rabi crops are now almost finished. The extent of sowing is above normal. Standing rabi crops and irrigated sugarcane are in good condition. Cotton is much below average. Outturn of kharif crops is below average. Cattle in good condition. Fodder and water sufficient Public health is generally good.

10.—LUDHIANA DISTRICT.

The rainfall was quite nominal and had no appreciable effect on crops. Rabi crops are germinating well. Yield of sugarcane is fair. The condition of cattle is good on the whole. Canal irrigation was normal.

11.—FEROZEPORE DISTRICT.

Rainfall slight. It proved useful though it did not do much good. More is anxiously wanted. Late sowings of wheat were made in low-lying Bet tracts. Condition of crops is generally good. Condition of cattle is satisfactory. Dry fodder is sufficient except in Bet tracts. Public health is generally good. Sirhind Canals worked satisfactorily.

12.—LAHORE DISTRICT.

Practically no rainfall during the month. Wheat, barley and fodder were sown. The extent of sowing was normal. The standing crops are good so far. Toria is being cut. The expected yield is average. Condition of cattle fair. Public health fair. Canal water-supply sufficient. Prices high.

13.—AMRITSAR DISTRICT.

Wheat, fodder and barley are being sown. The condition and expected yield of sugarcane are good and those of rabi crops are average. The condition of cattle average. Public health generally good. Canals working by rotation. No flood in rivers.

14.—GURDASPUR DISTRICT.

There was a slight rainfall during the month. Rabi sowing completed. The condition of crops is above average. Pressing of cane continued. The outturn is average. Condition of cattle generally good. Fodder is scarce. Health of people generally good. Rivers are low. Canals are flowing, but no irrigation is done. Prices have risen.

15.—SIALKOT DISTRICT.

Sowing of wheat and barley continued. Germination and condition of rabi crops good. Sugarcane is in average condition. Yield of sugarcane average. Condition of cattle good. Public health good. Canal remained closed. No floods.

16.—GUJRANWALA DISTRICT.

Rainfall during this month was below normal. Sowings of wheat and barley finished. The condition of rabi crops is good and of sugarcane fair. Picking of cotton finished. Yield much below normal. Yield of toria average. The condition of cattle is fair. Fodder is sufficient. Public health not good. Canals working by rotational turns. supply sufficient.

17.—GUJRAT DISTRICT.

Slight showers received during the month. Sowing of rabi crops finished. Condition of standing crops so far is good. Sugarcane pressing is in progress. Cattle are in good condition. Fodder is sufficient. Public health is generally good. Canal is flowing.

18.—SHAHPUR DISTRICT.

There has been slight rain during the month. More is wanted. Sowings of wheat and barley finished. Germination good. Sowings expected to be normal. Condition of standing crops was generally good on irrigated and normal on unirrigated areas. Hails damaged crops in a few villages of Bhera Tahsil. Picking of cotton, pressing of cane and harvesting of toria continued. Harvesting of bajra finished. Outturn of cotton, toria and bajra below average and that of sugarcane average. Condition of cattle was generally good. Fodder sufficient. Public health good. Lower Jhelum Canal continued to flow. Water-supply sufficient.

19.—JHELUM DISTRICT.

No fresh sowings in the month. Standing crops in good condition. Cattle generally healthy. Fodder ample. Prices rising.

20.—RAWALPINDI DISTRICT.

Good rainfall throughout the district helped a little more sowings. The crops are in good condition. Cattle in good condition and fodder sufficient. Public health good.

21.—ATTOCK DISTRICT.

Rainfall above average in all tahsils and is much useful for the standing crops, which are in good condition. General condition of cattle is good. Fodder sufficient. Public health fairly good. Water is sufficient. Prices are rising.

22.—MIANWALI DISTRICT.

It rained slightly during the month which was useful for rabi crops. Sowings have finished. Condition and expected yield of standing crops average to good. Cattle in good condition and bhusa, other fodder and grazing available. The Kurram Canals are watering lands in Isakhel Tahsil and Nammal Canal in Mianwali Tahsil sufficiently.

23.—MONTGOMERY DISTRICT.

Wheat sown to a small extent in the beginning of the month. Condition of the standing crop is good. Good yield is expected. Condition of cattle is generally good. Fodder is sufficient. General health not good. Only Lower Bari Doab Canal and Upper Sohag Canals continued flowing. No flood in rivers. Dearness in prices continued.

24.—LYALLPUR DISTRICT.

Practically no rain during the month except in Jaranwala Tahsil. Sowings of wheat finished. Standing crops generally in good condition. Cotton picking nearly finished. Outturn about 5½ maunds per acre. Pressing of sugarcane in progress, outturn being 25 to 30 maunds per acre. Harvesting of rice finished, outturn nearly 25 maunds an acre. Toria-cutting continues. The condition of cattle is generally good. fodder sufficient. Public health good. Canal working satisfactorily by rotational closures.

25.—JHANG DISTRICT.

Rain fell throughout the district. Rabi sowings were completed. The condition of standing crops in Chiniot and Shorkot is good and in Jhang Tahsil a little above normal. Yield of mash, sesamum, jowar and cotton in Shorkot Tahsil is normal. Cattle healthy in Shorkot Tahsil. Green fodder available in Chiniot and Shorkot Tahsils. In Jhang dry fodder is becoming scarce. Canals flowing. Prices are very high.

26.—MULTAN DISTRICT.

No rain fell during the month. Late sowings of wheat, peas and taramira continued. The condition of standing rabi crops is good. Picking of cotton, harvesting of til, and pressing of sugarcane continued. Outturn of the former two crops is below average to average, while that of cane is average to good. Condition of cattle is generally good. Bhoosa, turnips and dried jowar stalk and sathri are available for fodder. Public health fair. All inundation canals remained closed generally. Sidhnai Canal was flowing. No flood in rivers. Prices stationary.

27.—MUZAFFARGARH DISTRICT.

Rainfall normal. Wheat and vegetables sown. Condition of crops average. Cotton and sugarcane harvested. Average yield per acre being 2 maunds and 8 maunds, respectively. Condition of cattle good in Sinánwan and Lieah Tahsils. Public health good. Canals dry. No floods. Price of food-grains still high.

28.—DERA GHAZI KHAN DISTRICT.

There was practically no rain during the month. So far the condition of the standing rabi crops is fairly good. Picking of cotton is almost over. Yield of rabi crops is expected to be above the average. Cattle are in good condition. Fodder scarce in Sanghar and Jámpur. Public health is good. Canals closed. No floods in river or hill torrents. Prices rising.

MAHBUB SHAH, SUPERINTENDENT,

for *Director of Land Records, Punjab.*

QUARTERLY FINANCIAL STATEMENT

FOR QUARTER COMMENCING 1st FEBRUARY 1917 AND ENDING 30th APRIL 1917.

PART

LIABILITIES AND QUASI-LIABILITIES.

Name of Bank.	OUTSIDE THE MOVEMENT.				WITHIN THE MOVEMENT.							
	Deposit, fixed, current of Savings Bank, by non-members or by members in an individual capacity.	Debentures.	Overdrafts from outside bank, e.g., Presidency or Joint Stock.	Other items.	Fixed deposits or loans received from Societies or Central Banks or Provincial Bank.	Drawn portion of cash credit with Provincial Bank.	Savings Bank or current accounts held in favour of Societies or Central Banks.	Reserve fund of Bank itself.	Paid-up share capital.	Other items.	*Undrawn liabilities, e.g., cash credit accounts guaranteed by the Provincial Banks to Central Banks or to Societies, and by Central Banks to other Central Banks or Societies.* To cover deposits.	For loan transactions.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Jullundur Central Co-operative Bank, Limited.	6,83,340	...	...	...	...	...	...	4,600	1,29,293	...	...	...
2. Gurdaspur Central Co-operative Bank, Limited.	2,61,031	...	64,911	...	9,581	...	1,301	13,551	99,350	11,945	...	...
3. Gujrat Central Co-operative Bank, Limited.	1,23,294	...	1,000	...	8,000	...	...	4,832	31,420	...	...	...
4. Sargodha Central Co-operative Bank, Limited (Hoshiarpur District).	92,009	...	...	...	31,216	...	...	7,425	54,355	744	...	...
5. Hoshiarpur Central Co-operative Bank, Limited.	30,379	...	...	...	36,085	..	...	5,483	47,100	444	...	...
6. Sialkot Central Co-operative Bank, Limited.	94,252	...	...	608	6,851	...	733	3,178	44,490	2,398	...	...
7. Pasrur Central Co-operative Bank, Limited (Sialkot District).	41,726	...	...	...	6,813	...	...	2,390	35,700	...	...	...
8. Kila Sardar Harnam Singh Central Co-operative Bank, Limited (Sialkot District)	9,526	...	...	...	858	...	...	1,100	15,800	703	...	...
. Ambala Central Co-operative Bank, Limited.	2,04,983	...	...	...	...	...	...	12,867	1,07,395	15,834	...	...
. Gujranwala Central Co-operative Bank, Limited.	61,226	...	48,436	...	39,000	...	...	3,358	36,967	25,000	...	...
. Rawalpindi Central Co-operative Bank, Limited.	75,530	...	...	...	...	...	...	1,000	22,864	3,114	...	...
12. Jhang Central Co-operative Bank, Limited	6,900	...	...	...	2,600	...	3,025	2,635	12,612	...	...	...
13. Jhelum Central Co-operative Bank, Limited.	...	...	...	...	898	...	...	1,898	7,700	...	...	...
14. Chakwal Central Co-operative Bank, Limited (Jhelum District).	11,000	...	...		...		...	10,739	35,822	...	...	...
15. Pind Dadan Khan Central Co-operative Bank, Limited (Jhelum District).	644	..	...	...	...	..	...	2,000	22,400	...	...	...
16. Lyallpur Central Co-operative Bank, Limited.	1,55,608	...	40,061	...	82,550	...	...	11,500	40,750	...	...	...
17. Rohtak Central Co-operative Bank, Limited.	1,53,998	...	...	...	35,000	...	...	3,438	47,850	4,269	...	...
18. Fazilka Central Co-operative Bank, Limited (Ferozepore District).	16,516	...	..	...	500	...	...	295	71,170	2,682	...	...
19. Lahore Central Co-operative Bank, Limited.	7,03,074	...	19,291	...	...	...	...	22,000	74,375	42,509	...	...
20. Sirsa Central Co-operative Bank, Limited (Hissar District).	14,010	...	...	40,000	250	...	...	306	22,225	718	...	...
21. Muzaffargah Central Co-operative Bank, Limited.	3,200	...	...	...	4,200	...	...	...	3,900	...	...	...
UNIONS.												
1. Madar (Jullundur District) ...	25,870	...	11,556	...	1,15,207	...	...	6,774	12,315	...	...	...
2. Gumtala (Gurdaspur District) ...	500		33,008	...	37,753	...	...	503	7,600	704	...	...
3. Kala Afghana ditto ...	32,217	...	14,358	...	8,044	...	...	2,032	27,111	2,136	...	...
4. Bham ditto ...	5,775	...	...	..	51,900	...	...	1,092	11,443	...	...	...
5. Bheni Melwan ditto ...	2,330	...	42,655	...	...	...	...	1,011	3,200	...	...	...
6. Sujowal ditto ...	7,674	...	40,454	174	...	...	93	..	...	1,374	...	...
7. Mardowal ditto ...	8,371	...	29,790	...	28,267	..	...	11	11,040	238	...	...
8. Khanna ditto ...	11,271	...	55,401	1,100	...	...	...	391	3,200	29	...	...
9. Bhangwan ditto ...	100	...	29,477	...	...	...	...	820	2,510	1,360	...	...
10. Lakhan Khurd ditto ...	1,062	...	12,550	...	...	...	344	11	1,215	..	...	...
11. Pajiodeota (Hoshiarpur District) ...	...	...	...	...	19,609	...	...	72	3,758	...	...	...
12. Chotala ditto	3,000	...	22,710	47	...	...	...	336	5,148	3,330	...	...
13. Kandhala Sheikhan ditto ...	32,340	...	29,340	...	85,802	...	...	227	8,187	2,481	...	...
14. Nun ditto ...	170	...	...	...	31,993	..	...	76	2,825	822	...	...
15. Mukerian ditto ...	...	...	...	...	93,550	...	...	58	3 600	1,335	...	...
16. Pindi Chiman (Sialkot District) ...	...	...	20,917	...	...	...	...	1,728	1,922	890	...	...
17. Longowal (Gujranwala District) ...	4,306	...	53,299	...	...	...	...	1,538	9,150	..	...	...
18. Ram Diwali (Amritsar District) ...	4,865	...	8,000	...	...	..	...	985	12,200	450	...	...

I.

ASSETS AND QUASI-ASSETS.

Outside the movement.						Within the movement.								Rates of interest on which money is usually			
Cash in hand and in outside Banks.	Government paper.	Post Office Savings Bank deposits.	Other investments of a liquid nature in outside concerns.	Undrawn balance of assured cash credit. With Presidency or Joint Stock Bank.	Undrawn balance of assured cash credit. With Provincial Bank.	Loans to Agricultural Societies.	Loans to Non-Agricultural Societies.	Loans or deposits due to the Central Bank by the Provincial Bank or other Central Banks.	Loans and deposits due to Provincial by Central Banks.	Uncalled share capital.	Guaranteed share capital.	Other investments inside the movement.	Net profit of past year.	Borrowed.	Lent.	Last Dividend declared.	Remarks.
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Per cent.	
49,967	16,000	...	30,000	30,000	...	7,41,593	...	...	...	...	1,60,000	...	20,195	6	8	12	
9,393	...	...	4,980	35,089	...	4,46,282	1,015	...	...	...	1,00,000	...	10,405	6	8	9	
12,340	5,860	8,142	...	29,000	...	1,41,008	...	...	...	68,580	1,00,000	...	4,055	6	8	10	
2,020	22,425	...	10,083	50,000	...	1,51,221	...	...	...	34,180	1,50,000	...	6,294	6	8	7	
798	...	...	...	...	...	1,18,693	...	...	...	27,900	75,000	...	1,756	7	8	...	
4,037	4,630	...	35,500	...	...	1,07,990	353	...	...	...	...	...	4,710	5, 6 and 7	9	9	
1,344	...	4,934	10,349	...	...	68,164	...	...	...	23,800	1,00,000	...	3,186	5, 6 and 7	8 and 9	9	
3,737	...	1,100	...	...	...	23,150	...	...	...	...	25,000	...	1,463	6	8	6	
27,021	...	20	20,125	...	...	2,93,912	...	...	...	72,000	1,80,000	...	12,811	5 and 6	8	8	
1,306	3,358	...	...	1,564	...	2,02,838	6,484	...	...	47,343	2,00,000	...	2,327	6	9	10	
1,250	...	...	...	...	...	99,178	...	...	...	77,136	1,00,000	1,980	1,144	6	8	6	
319	2,614	...	...	...	...	24,820	19	...	...	30,000	50,000	...	1,466	6	8	4½	
2,511	...	...	...	...	...	7,725	...	...	...	92,300	1,00,000	...	308	...	8	4	
8,640	...	...	...	...	...	48,897	...	...	...	...	...	...	2,498	4	8	4	
3,743	...	...	67	...	...	21,234	...	...	...	...	...	...	360	4	8	5	
2,387	...	...	64,779	59,939	...	2,48,303	...	15,000	...	1,22,250	1,63,000	...	8,336	6	8	10	
576	...	2,000	...	...	...	2,41,979	...	...	...	50,000	1,00,000	...	4,590	7	8	7	
343	4,051	...	...	...	...	86,004	...	...	...	28,830	1,00,000	...	3,921	6	8	5½	
947	93,087	...	1,000	60,709	...	6,87,954	8,749	41,335	...	25,625	1,00,000	28,177	-2,060	4, 5 and 6	7 and 8	6	
3,123	...	...	...	...	...	72,700	...	...	...	...	25,000	1,686	1,179	6 and 7	9	7	
2,092	...	...	...	...	...	9,200	...	...	...	...	50,000	...	-23	6 and 7	8 and 9	...	
326	2,000	...	...	18,443	...	1,70,244	...	...	...	...	12,315	...	2,909	6 and 7	8	10	
1,563	...	...	145	26,992	...	77,857	...	...	...	...	7,600	503	359	6	8	5	
1,148	...	...	...	60,643	...	82,340	878	...	...	...	...	2,032	...	6	8	...	
1,310	...	...	250		...	68,370	...	...		...	...	668	-36	7	8	5	
3,652	...	...	...	7,345	...	45,645		...	...	...	3,000	...	1,317	6	8	7	
306	...		...	9,546	...	52,114		...	...	...	...	...	1,214	6	8	5	
1,053	...	...		20,210	...	77,215	...	911	...		11,040	...	1,462	7	8	...	
3,103	...	...	...	19,599	...	67,869	...	...	...	...	...	420	1,096	6	8	8	
3,167	...	...		10,513	...	31,100	...	...	...	6,190	8,700	...	589	6	8	...	
33	...	...	...	17,450	...	15,887	...	...	...	85	1,300	...	278	8	8	8	
843	...	...	...	...	...	22,518	...	...	...	...		...	396	7	8	7	
2,299	...	...	...		...	30,934	1,000	...	...	...	...	...	921	7	8	8	
2,801	...	...	...	653	...	1,52,066	3,517	...			...	...	2,640	6, 7 and 8	8	5	
2,788	...	...		...	...	33,022	...		...	...	...	...	559	8	8	...	
3,709	...	...	...	...	...	94,776	...	...		...	...	...	1,490	8	8	...	
212	...	...		9,083		23,517	...	...	...	2,000	4,000	...	363	6	8	...	
22	...	...	...	...	...	67,803	...	...	...	...	...	...	1,295	6	8	...	
2,147	985	...	...	7,000	...	22,968	400	...	...	...	...	...	1,135	6	8	6	

PART II.

Name of Bank.	Deposits or debentures of the kind dealt with in columns 2 and 3 of Part I.						Repayment of loans by Societies.		
	On Current or Savings Bank Account.	Deposits for not more than three months.	Other deposits and debentures falling due: In twelve months from commencement of present quarter.	In next 12 months.	In 12 months following.	In subsequent years.	Estimated: In 12 months from commencement of present quarter.	In next 12 months.	Actual in 12 months preceding present quarter.
	R.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Jullundur Central Co-operative Bank, Limited.	58,996	...	3,07,046	3,17,298	...	...	1,20,000	1,36,000	1,43,634
2. Gurdaspur Central Co-operative Bank, Limited.	33,180	390	2,27,361	...	...	100	82,288	69,829	85,784
3. Gujrat Central Co-operative Bank, Limited.	646	...	68,374	53,646	...	628	92,960	37,800	15,587
4. Sargodha Central Co-operative Bank, Limited	7,880	14,521	69,608	...	...	...	58,324	63,738	26,958
5. Hoshiarpur Central Co-operative Bank, Limited.	...	8,431	17,248	4,700	...	...	5,130	1,13,562	...
6. Sialkot Central Co-operative Bank, Limited.	818	700	31,329	5,000	...	56,405	54,172	54,172	58,365
7. Pasrur Central Co-operative Bank, Limited (Sialkot District).	...	...	41,726	...	...	...	30,000	38,164	25,000
8. Kila Sardar Harnam Singh Central Co-operative Bank, Limited (Sialkot District.)	...	...	9,526	...	...	...	6,000	4,000	10,488
9. Ambala Central Co-operative Bank, Limited.	24,311	50,134	1,24,690	...	5,848	...	2,93,912	...	17,838
10. Gujranwala Central Co-operative Bank, Limited.	...	...	33,790	9,693	17,743	...	1,07,209	95,629	41,814
11. Rawalpindi Central Co-operative Bank, Limited.	...	...	75,530	...	...	...	99,178	...	...
12. Jhang Central Co-operative Bank, Limited.	4,900	...	...	...	...	2,000	6,116	...	17,570
13. Jhelum Central Co-operative Bank, Limited.	...	...	...	...	...	...	2,225	5,500	180
14. Chakwal Central Co-operative Bank, Limited (Jhelum District).	...	...	...	...	...	11,000	8,500	7,500	8,701
15. Pind Dadan Khan Central Co-operative Bank, Limited (Jhelum District).	...	...	63	...	...	581	2,200	1,200	735
16. Lyallpur Central Co-operative Bank, Limited.	68,200	...	53,208	34,200	...	...	...	...	...
17. Rohtak Central Co-operative Bank, Limited.	4,872	...	1,42,586	4,540	2,000	...	1,00,000	50.000	10,923
18. Fazilka Central Co-operative Bank, Limited.	...	...	16,516	...	...	...	9,300	1,500	11,057
19. Lahore Central Co-operative Bank, Limited.	3,140	24,676	4,98,953	1,63,909	12,396	...	5,14,154	1,73,800	1,72,522
20. Sirsa Central Co-operative Bank, Limited.	...	...	13,010	...	1,000	...	42,700	30,000	...
21. Muzaffargarh Central Co-operative Bank, Limited.	...	...	3,200	...	...	...	4,650	4,550	...
Unions.									
1. Madar (Jullundur District) ...	...	...	25,870	...	...	...	1,09,504	54,752	43,0[illegible]
2. Gumtala (Gurdaspur District)	...	500	...	...	...	...	11,700	10,232	6,54[illegible]
3. Kala Afghana ditto	...	...	32,217	...	...	...	22,000	18,000	20,47[illegible]
4. Bham ditto	600	3,175	2,000	...	...	...	12,000	15,000	9,78[illegible]
5. Bheni Melwan ditto	...	...	282	848	700	500	12,366	10,734	9,88[illegible]
6. Sujawal ditto	...	5,000	1,200	1,000	474	...	7,000	9,000	12,17[illegible]
7. Mardowal ditto	...	8,371	...	...	...	...	6,000	5,000	5,0[illegible]
8. Khanna ditto	6,271	...	5,000	...	...	...	20,000	25,000	20,0[illegible]
9. Bhangwan ditto	...	...	100	...	...	...	21,000	18,000	11,4[illegible]
10. Lakhan Khurd ditto	...	853	...	...	...	209	5,440	2,560	8,8[illegible]
11. Pajjodeota (Hoshiarpur District).	...	...	...	...	...	...	5,000	17,518	...
12. Chotalal (Hoshiarpur District)	3,000	...	...		...	...	38,934	...	...
13. Kandhala Sheikhan (Hoshiarpur District).	...	...	32,340	...	...	...	14,648	1,40,939	...
14. Nun (Hoshiarpur District) ...	...	...	170	...	...	...	4,000	29,022	...
15. Mukerian ditto ...	...	...	...	...	...	...	22,532	72,244	...
16. Pindi Chiman (Shahpur District).	...	...	...	...	...	...	23,517	...	...
17. Longowal (Gujranwala District).	4,306	...	...	...	...	...	...	...	...
18. Ram Diwali (Amritsar District).	700	...	4,165	...	...	...	8,000	2,000	100,0[illegible]

PART III.

Name of Bank.	Portion of deposits or debentures of the kind dealt with in columns 2 and 3 of Part I falling due in each quarter in 12 months from commencement of present quarter (4th column of Part II.)				Repayment of loans by Societies estimated in each quarter in 12 months from commencement of present quarter (column 8 of Part II).			
	I quarter.	II quarter.	III quarter.	IV quarter.	I quarter.	II quarter.	III quarter.	IV quarter.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Jullundur Central Co-operative Bank, Limited.	98,531	60,234	72,968	75,313	40,000	30,500	25,000	24,500
2. Gurdaspur Central Co-operative Bank, Limited.	1,01,658	22,778	70,560	32,365	35,271	10,985	22,317	13,715
3. Gujrat Central Co-operative Bank, Limited.	18,853	17,873	19,023	12,625	21,812	23,023	11,856	36,269
4. Sargodha Central Co-operative Bank, Limited.	44,829	18,850	4,049	5,880	16,722	13,678	11,881	16,043
5. Hoshiarpur Central Co-operative Bank, Limited.	16,248	1,000	...	...	3,600	1,530	...	...
6. Sialkot Central Co-operative Bank, Limited.	11,085	6,100	1,767	13,377	30,000	3,071	17,876	3,225
7. Pasrur Central Co-operative Bank, Limited (Sialkot District).	20,000	8,800	8,025	4,901	7,000	9,000	8,000	6,000
8. Kila Sardar Harnam Singh Central Co-operative Bank, Limited (Sialkot District).	...	...	9,526	...	2,000	1,000	2,000	1,000
9. Ambala Central Co-operative Bank, Limited.	...	46,466	33,074	45,150	2,63,822	29,690	...	400
10. Gujranwala Central Co-operative Bank, Limited.	12,356	15,108	1,600	4,726	49,790	15,300	13,100	29,019
11. Rawalpindi Central Co-operative Bank, Limited.	31,062	15,042	12,511	16,915	31,425	67,753	...	..
12. Jhang Central Co-operative Bank, Limited.	...	...	...	...	...	...	...	6,116
13. Jhelum Central Co-operative Bank, Limited.	...	...	...	...	1,000	200	800	225
14. Chakwal Central Co-operative Bank, Limited (Jhelum District).	...	...	...	...	2,500	3,500	1,000	1,500
15. Pind Dadan Khan Central Co-operative Bank, Limited (Jhelum District).	62	...	...	...	1,600	300	100	200
16. Lyallpur Central Co-operative Bank, Limited.	3,295	16,858	12,877	20,178	...	...	...	...
17. Rohtak Central Co-operative Bank, Limited.	23,898	40,418	21,028	57,247	40,000	10,000	10,000	40,000
18. Fazilka Central Co-operative Bank, Limited.	14,016	1,000	1,000	500	4,400	2,100	1,500	1,300
19. Lahore Central Co-operative Bank, Limited.	1,99,617	1,17,798	88,107	93,431	1,76,188	1,39,400	98,223	1,00,343
20. Sirsa Central Co-operative Bank, Limited (Hissar District).	...	4,000	...	9,010	...	27,800	...	14,900
21. Muzaffargarh Central Co-operative Bank, Limited.	1,000	1,200	1,000	...	1,000	..	2,300	1,350
UNIONS.								
1. Madar (Jullundur District) ...	...	...	19,326	6,544	25,436	34,683	29,730	19,655
2. Gumtala (Gurdaspur District) ...	...	...	...	...	1,200	1,000	3,600	5,900
3. Kala Afghana ditto ...	4,378	...	19,068	8,871	4,000	10,000	2,000	6,000
4. Bham ditto ...	...	2,000	...	...	5,000	1,000	5,000	1,000
5. Bheri Melwan ditto ...	...	...	282	...	10,000	2,069	297	...
6. Sajowal ditto ...	...	...	1,200	...	8,000	2,000	1,000	1,000
7. Mardowal ditto ...	...	...	...	...	2,000	2,000	1,000	1,000
8. Khanna ditto ...	...	5,000	...	...	1,151	2,849	12,000	4,000
9. Bhangwan ditto ...	...	...	...	100	9,000	4,000	3,000	5,000
10. Lakhan Khurd ditto ...	...	...	...	...	2,000	...	2,050	1,390
11. Pajjodeota (Hoshiarpur District) ...	...	...	...	...	1,000	500	1,500	2,000
12. Chotala ditto ...	...	...	...	...	38,934	...	...	...
13. Kandhala Sheikhan ditto ...	...	...	32,240	100	10,000	2,953	1,695	...
14. Nun ditto ...	170	...	...	...	4,000	...	...	...
15. Mukerian ditto ...	...	...	...	...	...	...	22,532	...
16. Pindi Chiman (Shahpur District) ...	...	...	...	...	3,575	10,000	3,942	6,000
17. Lengowal (Gujranwala District) ...	...	...	...	...	...	...	...	...
18. Ram Diwali (Amritsar District) ...	...	2,165	...	2,000	4,000	3,000	...	1,000

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 12th January 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	6	9	15	17	10	7	...	...	...	5	2	5	...	5	2	1	3	46	52	1
2		Hánsi ...	14,576	4	6	10	8	5	3	...	...	...	3	...	3	...	2	2	...	2	36	29	2
3		Bhiwáni ...	31,100	17	16	33	21	10	11	...	...	...	6	...	6	...	9	...	1	1	55	35	3
4		Sirsa ...	14,629	3	8	11	23	10	13	...	...	...	13	2	6	.	2	4	3	6	39	82	4
5	Rohtak ...	Rohtak ...	19,862	17	16	33	20	3	17	...	8	...	4	...	3	...	5	...	6	6	87	53	5
6		Jhajjar ...	10,617	5	6	11	3	2	1	...	...	...	2	...	...	...	1	1	1	2	54	15	6
7		Sonepat ...	12,014	10	7	17	4	2	2	...	...	...	1	...	2	...	1	2	...	2	74	17	7
8	Gurgaon ...	Rewári ...	24,780	10	10	20	22	12	10	...	...	...	...	2	9	...	11	4	1	5	42	46	8
9	Karnál ...	Karnál ...	21,018	18	7	25	18	6	12	...	...	...	7	5	6	...	..	2	2	4	62	44	9
10		Kaithal ...	12,912	11	5	16	14	7	7	...	...	...	9	1	2	...	2	3	1	4	65	57	10
11		Pánipat ...	26,342	15	19	34	25	13	12	...	10	...	8	...	3	...	4	3	7	10	67	50	11
12		Shahabad ...	11,054	6	9	15	11	5	6	...	...	1	1	1	3	..	5	1	1	2	71	52	12
13	Ambála ...	Ambála ...	24,493	8	18	26	23	10	13		...	1	8	2	9	...	3	1	3	4	55	49	13
14		Jagádhri ...	12,045	3	8	11	15	7	8	...	...	...	6	3	2	...	4	1	1	2	48	65	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	3	4	7	6	2	4	...	...	...	4	...	1	.	1	...	...		21	18	15
16	Jullundur ...	Jullundur ...	55,354	21	20	41	33	17	16	...	...	3	10	3	16	...	2	2	7	9	39	31	16
17	Ludhiána ...	Ludhiána ...	43,152	19	15	34	48	24	24	...	...	8	26	2	7	...	5	3	3	6	41	58	17
18		Jagráon ...	15,039	7	6	13	10	4	6	...	...	...	4	...	1	.	5	...	3	3	45	35	18
19	Ferozepore ...	Ferozepore ...	24,678	8	8	16	16	8	8	...	...	...	3	3	6	...	4	...	4	4	34	34	19
20		Fázilka ...	10,935	6	6	12	9	3	6	...	...	...	4	...	2	...	3	...	2	2	57	43	20
21	Lahore ...	Lahore ...	210,271	82	85	167	221	128	93	...	...	31	118	5	40	3	24	18	13	31	41	55	21
22		Kasúr ...	24,783	20	10	30	15	7	8	...	..	...	8	1	4	1	1	1	2	3	63	32	22
23	Amritsar ...	Amritsar ...	151,339	55	47	102	115	61	54	...	...	2	48	5	42	...	18	5	10	15	35	40	23
24	Gurdáspur ...	Batála ...	26,430	8	13	21	43	27	16	...	1	20	16	1	5	...	...	2	..	3	42	85	24
25	Siálkot ...	Siálkot ...	48,595	24	27	51	32	12	20	...	...	...	12	...	11	...	9	4	6	10	55	34	25
26	Gujránwála	Gujránwála ...	28,637	22	13	35	32	17	15	...	...	1	19	...	6	...	6	5	6	11	64	59	26
27		Wazírabad ...	17,146	3	4	7	13	9	4	...	...	...	7	...	5		1	...	1	1	21	40	27
28	Gujrát ...	Gujrát ...	18,692	8	5	13	12	7	5	...	...	...	8	...	2	...	2	1	...	1	36	34	28
29		Jalálpur ...	11,615	8	4	7	3	2	1	...	...	...	1	...	2	...	...	1	1	2	81	13	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	7	6	13	6	3	3	...	...	...	3	...	...	...	3	1	2	3	44	20	30
31		Khusháb ...	10,159	2	3	5	7	4	3	...	...	...	4	...	...	...	3	1	1	2	26	36	31
32	Jhelum ...	Jhelum ...	12,298	6	2	8	11	4	7	...	...	1	5	...	4	...	1	...	3	3	34	46	32
33		Pind Dádan Khan	10,590	3	11	14	13	6	7	...	...	...	7	2	1	...	3	...	1	1	63	64	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	13	16	29	24	15	9	...	...	1	8	2	9	...	4	1	1	2	32	27	34
35	Lyallpur ...	Lyallpur ...	19,578	6	9	15	7	5	2	...	...	...	5	...	2	...	...	1	...	1	40	19	35
36	Jhang ...	Jhang-Maghiána	25,914	14	12	26	21	10	11	...	...	...	6	2	...	...	13	5	6	11	52	42	36
37		Chiniot ...	14,085	8	10	18	8	4	4	...	...	...	4	1	...	...	3	2	1	3	66	29	37
38	Multán ...	Multán ...	85,747	32	33	65	85	48	37	...	...	3	40	7	11	...	24	10	10	20	40	52	38
	Grand Total ...		1,196,515	513	513	1,026	1,014	529	485	...	19	72	443	51	236	4	189	89	110	199	45	44	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	4	1	5	7	5	2	...	...	...	2	...	4	...	1	...	1	1	14	19	
	Dharmsála	... ...	2,518	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	
	Dalhousie ...	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 12th January 1918 there were 1,026 births registered in the 38 large municipal towns (513 males and 513 females), giving a birth rate of 45 *per mille* of population, and 1,014 deaths were registered (529 males and 485 females), giving a death rate of 44 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 55 against 35 in the corresponding week of the previous year, Amritsar 40 against 36 and Multán 52 against 38.

There were 10 deaths registered from small-pox in Pánipat, 8 in Rohtak and 1 in Batála. Of the 72 deaths from plague, 31 were reported in Lahore, 20 in Batála, 8 in Ludhiána, 3 each in Jullundur and Multán, 2 in Amritsar and 1 each in Shahabad, Ambála, Gujránwála, Jhelum and Ráwalpindi.

Sanitary Commissioner's Office,
Lahore :
The 22nd January 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

2185 PGG—630—25-1-18—SGPP Lahore.

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PUNJAB AND ITS DEPENDENCIES.

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No. 5.] LAHORE, FRIDAY, FEBRUARY 1, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 29th January 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
1	Hissar ...	0·32 at Sadr ... 0·20 at Sirsa. 0·29 at Fatehábád. 0·45 at Hánsi. 0·35 at Bhiwáni.	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 8¼ ... Bajra, 11. Gram, 12. Bejhar, 13. Prices between normal and warning rates.	...	Standing crops good, but are being damaged by rats in a few villages.
2	Rohtak ...	1·00 at Sadr ... 0·75 at Gohána 0·45 at Sámpla. 0·57 at Jhajjar. 0·50 at Salhawas. 0·85 at Beri. 0·65 at Sonepat.	1. Adequate 2. (a) Do. (b) Do. 3. Generally good.	Wheat, 8¼ ... Gram, 11. Barley, 12. Jowar, 14. Bajra, 16. Prices between normal and warning rates.	Irrigated sugarcane fair to good, but rats are damaging it in parts of Rohtak Tahsil. Pressing continues. Yield good.	Rain was beneficial. Standing crops fair to good.

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No.	Reporting station.	Rain	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
3	Gurgaon ...	0·28 at Sadr ... 0·24 Rewári. 0·48 at Núh. 0·52 at Fírozpur. 0·62 at ; alwal. 0·41 at Ballabgarh.	1. Sufficient ... 2. (b) Do. 3. Generally good.	Wheat, 8 to 10 ... Barley, 11½ to 13. Gram, 11½ to 12. Jowar, 11 to 12. Bajra, 9 to 14. Maize, 11¾ to 12½. Prices between normal and warning rates.	...	Rain was beneficial for standing crops which are generally in good condition.
4	Ambála ...	0·21 at Sadr ... 0·22 at Jagádhri. 0·36 at Na-áingarh. 0·39 at Kharar. 0·29 at Rúpar. 0·44 at Kasauli.	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Good.	Wheat, 8 ... Gram, 10¾. Barley, 11¾. Maize, 12. Bajra, 9¾. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Rain was beneficial, but more is needed. Standing crops, specially wheat and oilseeds, in good condition.
5	Jullundur ...	0·14 at Sadr ... 0·04 at Nakodar. 0·24 at Phillaur. 0·17 at Nawashahr.	1. Inadequate ... 2. (a) Adequate. 3. Generally good.	Wheat, 8½ ... Barley, 11¾. Gram, 9½. Maize, 11. Jowar, 11. Bajra, 10. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Rain was useful, but more is wanted. Standing crop good.
6	Ferozepore ...	...	1. Sufficient except in Bet tracts. 2. (a) Sufficient. 3. Generally good.	Wheat, 8 ... Gram, 10¾. Prices between warning and scarcity rates.	...	Rain badly wanted. Standing crops good.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10. Prices between warning and scarcity rates.	Yield of sugarcane normal	Standing crops good.
8	Amritsar ...	...	1. Insufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Generally good.	Wheat, 8½ ... Gram, 10½. Barley, 10. Jowar, 13 1/16. Maize, 10½. Bajra, 9. Prices generally between warning and scarcity rates.	Sugarcane being pressed. Yield normal.	Standing crops average. Toria being harvested. Yield normal.
9	Siálkot ...	...	1. Scarce ... 2. (a) Sufficient. (b) Canal closed. 3. Cattle weak owing to cold and scarcity of fodder.	Wheat, 7½ to 8½ ... Maize, 10. Gram, 8½ to 9. Prices between warning and scarcity rates.	Condition and yield of sugarcane average.	Standing crops good.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Autumn.	Prospects of Spring.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Canal closed for repairs. 3. Generally good.	Wheat, 8 1/16 to 9½... Gram, 10½ to 11½. Bajra, 11 to 12. Maize, 10 to 12. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield below normal.	Rain wanted. Standing irrigated crops generally good and unirrigated average. Harvesting of toria completed. Yield normal.
11	Ráwalpindi ...	...	1. Sufficient ... 3. Good.	Wheat, 7½ ... Barley, 13½. Gram, 9½. Bajra, 12. Maize, 11. Jowar, 11. Prices between warning and scarcity rates.	—	Standing crops good.
12	Miánwáli ...	...	Statement	not received.		
13	Lyallpur ...	...	1. Sufficient ... 2. (b) Canal closed for repairs. 3. Generally good.	Wheat, 8 ... Gram, 9. Prices at scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing crops generally good. Toria being harvested. Yield above normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing by turns. 3. Fair.	Wheat, 7½ ... Gram, 8½. Jowar 7. Bajra, 9. Prices between warning and scarcity rates or above scarcity rates.	...	Standing crops good. Sowings of extra spring crops continue.

GENERAL REMARKS.

Light rain was received in the south-eastern districts and was beneficial. More rain is wanted everywhere for standing crops. Pressing of sugarcane and harvesting of toria continue. Yield of former normal to good and that of latter normal. Condition of standing spring crops is good. Stocks of food-grains generally sufficient. Cattle are healthy. Fodder is scarce in a few districts. Prices are generally stationary, but have fallen slightly in some districts. They range generally between warning and scarcity rates, except in some south-eastern districts where they range between normal and warning rates. Prices of wheat :— Ráwalpindi 7½, Ambála, Ferozepore, Lahore and Lyallpur, 8 seers per rupee.

MAHBUB SHAH, Supdt.,
for *Director of Land Records, Punjab.*

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB AND THE NORTH-WEST FRONTIER PROVINCE DURING NOVEMBER 1917.

Station.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 hrs. reduced to 32°, to constant gravity at 45° Lat. and to sea level.	Departure from normal.	Mean direction and velocity in miles per hour, November 1917.	Normal direction and velocity in miles per hour, November.	8 hrs.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Mean monthly departure from normal.	Humidity at 8 hrs.	Vapour tension at 8 hrs.	Amount of cloud, 10 = overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	"	"			°	°	°	°	°	°	%	"	
Hissar ...	30·152	+ ·016	S. 38° W. 3 ...	S. 18° W. 2 ...	54·6	78·8	−6·3	46·8	−3·5	−4·9	67	·289	0
Ambála ...	30·026	— ·008	N. 10° E. 1 ...	N. 34° W. 1 ...	54·2	77·0	−5·5	47·8	−2·5	−4·0	84	·355	0
Simla ...	*23·119	— ·027	...	...	51·6	57·3	+1·2	46·4	+1·5	+1·3	24	·089	0
Ludhiána ...	30·024	+ ·003	N. 24° W. 1 ...	S. 27° W. 1 ...	54·5	75·7	−5·2	49·8	−1·8	−3·5	77	·328	0
Montgomery ...	30·030	— ·004	S. 49° E. 2 ...	S. 72° E. 2 ...	57·9	80·3	−4·5	48·6	−3·4	−3·9	57	·275	1
Lahore ...	30·036	— ·002	N. [illegible]° W. 1 ...	N. 5° W. 1 ...	50·6	77·3	−6·6	45·9	−2·3	−4·5	84	·309	0
Siálkot ...	30·042	0	N. 7° E. 0 ...	N. 42° E. 1 ...	52·9	74·0	−7·4	45·4	−4·9	−6·1	88	·353	0
Khusháb ...	30·049	+ ·003	N. 89° E. 1 ...	N. 88° E. 2 ...	55·0	80·0	−3·6	44·3	−7·0	−5·3	69	·298	1
Lyallpur ...	30·029	...	S. 11° W. 1 ...	...	53·9	79·0	...	45·0	...	...	71	·294	1
Rawalpindi ...	30·094	— ·002	S. 78° W. 2 ...	N. 50° W. 1 ...	48·7	74·7	−3·2	39·4	−4·9	−4·1	65	·224	1
Murree ...	*23·855	— ·056	N. 25° E. 3 ...	N. 75° E. 4 ...	48·9	57·9	−2·9	45·7	+0·2	−1·3	31	·104	1
Multán ...	30·130	+ ·004	N. 0 ...	N. 72° E. 1 ...	58·5	80·4	−4·4	51·4	−2·1	−3·3	59	·286	0
D. I. Khan ...	30·072	+ ·009	N. 10° W. 0 ...	N. 9° E. 1 ...	52·3	79·2	−3·4	45·1	−3·1	−3·3	62	·239	1
Peshάwar ...	30·102	— ·016	Calm 0 ...	S. 31° W. 1 ...	46·4	75·2	−2·1	40·4	−5·7	−3·9	73	·231	1
Páráchinár ...	*24·505	— ·021	Calm 1 ...	...	46·8	63·7	−1·9	36·2	−4·8	−3·3	40	·128	1
Cherát ...	*25·766	— ·025	N. 12° W. 6 ...	N. 13° W. 9 ...	53·9	64·3	−2·7	46·0	−3·9	−3·3	18	·072	1
Drosh ...	(a) *25·222	...	N. 45° E. 1 ...	...	44·2	64·0	−1·6	41·8	−2·6	−2·1	39	·111	1

* Not reduced to sea level.

(a) — Aneroid.

Weather was unusually settled and dry.

Pressure and Winds.—Barometric pressure was in defect at the level of the hill stations and nearly normal in the plains. Winds were, as is ordinarily the case in November, light and irregular.

Temperature.—Weather was cooler than usual during the first twenty-five days, and mean temperature for the month as a whole was upwards of 3° below normal at all the recording stations with the exception of Simla, Murree and Drosh.

Minimum temperature, on the average of the month, was about 6° higher at Cherat and Murree than at the adjacent plains stations.

The following table shows for each day of the month the departure from the normal of the mean temperature of the Punjab and the North-West Frontier Province, with the highest maximum temperature registered and the name of the station recording it:—

Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.	Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1917.	°	°		1917.	°	°	
November 1st ...	−3·2	87·7	Montgomery.	November 17th ...	−5·0	81·6	Khusháb.
" 2nd ...	−2·5	87·4	Multán.	" 18th ...	−5·1	81·7	Multán.
" 3rd ...	−3·2	84·8	Dera Ismail Khan.	" 19th ...	−6·2	79·6	Do.
" 4th ...	−4·1	85·4	Khusháb.	" 20th ...	−6·8	78·4	Montgomery.
" 5th ...	−4·5	84·9	Multán.	" 21st ...	−5·3	78·6	Khusháb.
" 6th ...	−3·2	83·1	Do.	" 22nd ...	−5·3	77·3	Montgomery.
" 7th ...	−4·2	82·2	Dera Ismail Khan.	" 23rd ...	−4·2	78·4	Khusháb.
" 8th ...	−4·7	83·6	Khushab.	" 24th ...	−3·4	78·8	Hissar.
" 9th ...	−5·6	83·2	Dera Ismail Khan.	" 25th ...	−3·1	79·8	Montgomery.
" 10th ...	−6·2	82·6	Multán.	" 26th ...	−0·7	80·0	Hissar.
" 11th ...	−5·2	83·1	Do.	" 27th ...	−0·5	80·7	Do.
" 12th ...	−4·6	82·1	Montgomery.	" 28th ...	−0·3	80·8	Do.
" 13th ...	−5·3	81·4	Do.	" 29th ...	−0·3	79·9	Do.
" 14th ...	−5·3	81·6	Khusháb.	" 30th ...	+1·2	79·6	Do.
" 15th ...	−5·2	82·0	Do.				
" 16th ...	−4·6	81·6	Do.				

Humidity and Cloud.—In the Punjab the air was unusually dry at Simla and Murree and damper than usual generally in the plains. There was hardly any cloud.

Rainfall.—No rain fell in the Punjab where about a fifth of an inch is recorded under ordinary conditions. In the North-West Frontier Province rainfall of importance occurred only at Páráchinár and Drosh, and even there it was below the normal.

The following table gives the rainfall data for the Punjab and the North-West Frontier Province stations for November 1917:—

Station.	Actual rainfall in November 1917.	Normal rainfall in November.	Departure from normal in November 1917.	Station.	Actual rainfall in November 1917.	Normal rainfall in November.	Departure from normal in November 1917.
1	2	3	4	1	2	3	4
Punjab.	"	"	"	*Punjab*—concluded.	"	"	"
Hissar	0	0·01	−0·01	Murree	0	0·70	−0·70
Ambála	0	0·25	−0·25	Multán	0	0·08	−0·08
Simla	0	0·45	−0·45				
Ludhiána	0	0·08	−0·08	*North-West Frontier Province.*			
Montgomery	0	0·06	−0·06				
Lahore	0	0·05	0·05	Dera Ismail Khan	0	0·12	−0·12
Siálkot	0	0·08	−0·08	Peshávar	0·01	0·32	−0·31
Khusháb	0	0·05	−0·05	Párachinár	0·10	0·48	−0·38
Lyallpur	0	0·10	−0·10	Cherát	0	0·08	−0·08
Ráwalpindi	0	0·23	−0·23	Drosh	0·21	0·33	−0·12

SIMLA: } GILBERT T. WALKER,

The 17th January 1918. } *Director-General of Observatories.*

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STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	8 8	8 0	8 12	13 8	14 0	12 12	...	...	...	7 0	7 0	7 0
Rohtak	8 12	8 12	9 0	12 0	12 0	13 0	...	...	...	6 8	6 8	6 8
Gurgaon	8 4	8 0	8 4	11 8	11 0	13 4	...	...	...	8 0	8 0	7 8
Karnál	9 0	8 4	8 12	14 0	13 8	13 4	...	...	...	7 0	7 0	7 0
Ambála	8 0	7 12	8 6	11 12	11 8	12 0	...	...	...	7 12	7 12	8 8
Simla	6 8	7 0	7 8	8 0	9 0	11 8	...	...	...	5 4	6 0	6 8
JULLUNDUR.												
Kángra	6 12	7 0	10 0	10 0	10 8	13 8	...	...	...	8 8	8 8	9 0
Hoshiárpur	8 0	7 12	9 8	10 8	11 0	12 8	...	...	...	7 0	7 4	6 6
Jullundur	8 4	8 4	9 0	11 12	11 15	12 8	...	...	...	6 8	6 8	7 0
Ludhiána	8 0	8 0	8 12	9 8	9 8	13 0	...	...	...	6 0	6 0	6 0
Ferozepore	7 8	7 8	9 4	10 8	10 8	12 8	...	...	...	6 8	6 8	7 8
LAHORE.												
Lahore	7 12	8 0	8 12	11 8	11 8	12 12	...	...	...	7 12	8 0	8 8
Amritsar	8 10	8 6	9 1	9 12	9 8	12 0	...	...	...	7 4	7 4	7 8
Gurdáspur	9 0	9 0	10 0	11 0	11 0	13 0	...	...	...	7 0	8 0	8 0
Siálkot	8 0	9 0	9 0	11 0	11 0	12 0	...	...	...	7 8	7 8	8 4
Gujránwála	8 8	8 12	9 8	13 8	13 0	13 8	...	...	...	8 0	8 4	8 12
RAWALPINDI.												
Gujrát	8 8	8 8	10 0	13 0	14 0	13 0	...	...	...	8 0	8 0	8 0
Shahpur	8 9	8 12	9 8	14 0	14 0	13 0	...	...	...	6 0	6 0	7 0
Jhelum	8 0	8 8	9 0	12 8	12 8	13 0	...	...	...	7 8	7 8	7 8
Ráwalpindi	7 8	7 8	8 14	13 0	13 0	13 8	...	...	...	8 0	8 0	7 0
Attock	8 4	8 4	9 8	12 0	12 0	15 0	...	...	...	7 0	7 0	7 0
Miánwáli	8 6	8 4	9 0	12 0	12 0	13 8	...	...	...	6 0	6 8	6 0
MULTAN.												
Montgomery	7 14	8 0	8 8	10 0	‡	11 0	...	...	...	6 0	6 12	7 0
Lyallpur	8 0	7 8	8 12	12 0	12 0	12 8	...	...	...	6	7 0	7 0
Jhang	8 4	8 4	8 12	12 12	12 12	13 8	...	...	...	7 0	7 0	7 0
Multán	8 2	8 2	9 0	11 0	11 8	11 12	...	...	...	7 12	7 12	8 8
Muzaffargarh	8 2	8 2	9 0	11 0	11 0	12 0	...	...	...	7 0	7 0	6 0
Dera Gházi Khan ...	7 8	7 8	9 0	10 0	10 0	13 12	...	...	...	7 0	7 0	7 8

† Not produced. ‡ Not sold.

NOTE.—The prices of rice as shown in the state neat are

N.B.—Variations in prices are due to fluctuation,

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH JANUARY 1918.

THE ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			Districts.
Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
‡	‡	16 0	10 8	10 8	15 0	†	†	‡	†	†	‡	Hissar.
14 0	15 0	18 0	10 8	10 12	16 8	†	†	†	†	†	†	Rohtak.
11 0	11 0	15 0	11 0	11 0	15 0	†	†	†	†	†	†	Gurgaon.
13 9	14 0	14 0	10 8	10 8	12 8	‡	‡	†	§	§	†	Karnál.
14 0	14 0	15 8	9 12	10 0	12 4	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
9 0	9 4	10 0	10 0	10 0	10 0	‡	‡	†	‡	‡	†	Simla.
												JULLUNDUR.
‡	‡	‡	‡	‡	†	‡	‡	†	‡	‡	†	Kángra.
9 0	9 0	13 0	10 0	11 8	10 0	†	†	†	‡	‡	†	Hoshiárpur.
11 0	12 0	14 0	10 0	10 0	11 0	†	†	†	8 0	8 0	9 0	Jullundur.
9 8	10 0	15 0	9 8	9 8	11 8	†	†	†	6 0	6 0	7 8	Ludhiána.
‡	‡	12 12	†	†	12 8	‡	‡	†	‡	‡	†	Ferozepore.
												LAHORE.
10 0	11 0	15 0	9 0	9 0	13 0	§	§	†	8 12	9 0	12 8	Lahore.
13 12	14 0	14 4	8 4	9 12	11 12	§	§	†	§	11 0	12 4	Amritsar.
9 0	9 0	15 0	§	§	†	§	§	†	8 0	8 0	8 0	Gurdáspur.
§	§	§	§	§	13 0	§	§	†	§	§	†	Siálkot.
§	§	†	§	§	12 0	§	§	†	§	§	†	Gujránwála.
												RAWALPINDI.
§	§	§	10 0	10 0	13 0	†	†	†	§	§	§	Gujrát.
11 0	13 0	13 8	11 8	12 0	13 0	§	§	§	§	§	§	Shahpur.
§	12 8	14 0	10 8	11 0	12 0	†	†	†	†	†	†	Jhelum.
11 12	11 12	15 0	11 12	11 12	12 0	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	12 0	12 0	12 0	‡	‡	†	‡	‡	†	Attock.
11 0	11 0	12 8	12 0	12 0	12 8	†	†	†	‡	‡	†	Miánwáli.
												MULTAN.
§	§	12 0	§	§	10 8	§	§	†	†	†	†	Montgomery.
9 8	‡	†	‡	‡	12 0	‡	‡	†	‡	‡	†	Lyallpur.
10 0	10 0	10 0	11 0	10 8	11 4	14 8	14 8	14 0	11 0	11 8	11 8	Jhang.
8 4	10 8	14 8	9 12	9 4	12 12	‡	‡	†	13 4	13 4	13 0	Multán.
§	§	§	§	§	§	§	§	§	§	§	§	Muzaffargarh.
9 0	9 0	12 8	9 1	9 1	13 0	‡	‡	†	‡	‡	†	Dera Gházi Khan.

§Not procurable.
for the quality in common demand.
in imports and exports.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	10			11			12			13		
	Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).			*Maize (Zea Mays).*			*Arhur or Thur Cadjan Pea (Cajanus indicus).*			*Firewood.*		
DISTRICTS.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	11 0	11 0	13 0	‡	‡	†	†	†	†	55 0	50 0	80 0
Rohtak	11 0	11 8	13 8	‡	‡	§	8 0	8 0	8 0	60 0	60 0	60 0
Gurgaon	11 0	11 0	12 12	11 8	11 0	13 0	8 8	8 8	8 0	60 0	60 0	60 0
Karnál	12 0	11 8	13 4	13 0	1 0	14 0	8 0	8 0	8 0	90 0	90 0	110 0
Ambála ...	10 0	9 8	12 0	12 0	11 12	15 8	7 12	7 12	8 0	77 0	72 0	85 0
Simla	8 8	8 8	9 4	10 0	9 14	12 8	5	5 0	5 4	46 0	46 0	60 0
JULLUNDUR.												
Kángra	§	6 8	8 8	10 0	10 0	13 0	5 0	5 0	5 0	80 0	80 0	80 0
Hoshiárpur	8 12	8 12	10 12	11 4	11 4	15 4	‡	‡	†	60 0	60 0	70 0
Jullundur	9 0	9 4	11 4	11 0	11 0	15 0	§	§	†	40 0	40 0	60 0
Ludhiána	9 8	9 8	12 0	11 0	11 0	15 8	8 8	8 8	6 0	50 0	45 0	65 0
Ferozepore	10 0	10 0	12 4	10 8	10 8	13 8	5 0	5 0	5 8	40 0	40 0	60 0
LAHORE.												
Lahore ...	10 0	10 0	11 4	8 8	9 4	12 4	7 4	7 4	7 0	30 0	32 0	55 0
Amritsar	10 2	10 0	11 4	10 0	10 8	14 0	7 8	7 0	7 4	40 0	40 0	50 0
Gurdáspur	8 0	8	10 8	11 0	11 0	15 0	§	§	†	60 0	60 0	60 0
Siálkot	8 8	8 8	9 8	10 0	10 0	12 0	§	§	†	50 0	50 0	70 0
Gujránwála	10 0	10 0	10 8	10 0	10 0	11 8	†	†	†	42 0	43 0	55 0
RAWALPINDI.												
Gujrát	8 12	9 0	10 8	10 0	10 0	12 8	†	†	†	50 0	40 0	70 0
Shahpur	10 12	10 12	11 8	10 8	11 8	14 0	7 0	7 0	7 8	41 0	40 0	5 0
Jhelum	8 12	9 8	10 8	9 0	10 0	11 0	7 0	7 0	6 0	42 0	45 0	50 0
Ráwalpindi	9 1	9 12	10 0	11 0	11 0	11 12	8 0	7 8	6 12	35 0	34 0	43 0
Attock ...	9 12	10 4	11 8	12 0	12 0	12 8	5 4	5 4	6 0	45 0	45 0	61 0
Miánwáli	11 0	11 0	11 12	‡	‡	12 0	‡	‡	†	45 0	45 0	70 0
MULTAN.												
Montgomery	9 2	9 6	11 2	§	§	16 0	§	§	†	90 0	90 0	125 0
Lyallpur	8 1	9 4	11 4	9 8	9 0	14 0	6 0	6 0	7 0	45 0	45 0	50 0
Jhang	9 0	9 12	11 4	10 8	11 0	13 0	‡	‡	†	32 0	30 0	60 0
Multán	9 10	9 10	11 4	§	10 0	14 4	‡	‡	6 8	50 0	50 0	75 0
Muzaffargarh	10 2	10 4	11 0	‡	‡	§	§	§	§	95 0	95 0	110 0
Dera Ghází Khan ...	9 2	9 0	11 0	‡	‡	†	‡	‡	†	75 0	75 0	90 0

* No wholesale salt sold. † Not produced. ‡ Not sold.

N.B.—Variations in prices are due to fluctuations in
The price of Bathu and Masur at Simla in this fortnight

Memo. of

In the fortnight ending 15th December 1917 under head "present" and in the fortnight ending 31st

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB :
Lahore, dated the 28th January 1918

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH JANUARY 1918—CONCLUDED.

THE ORDINARY SEER OF 80 TOLAS.

14						15			16			17
Salt.						*Gur.*			*Cotton (unginned).*			
Present fortnight ending 15th January 1918.		Past fortnight ending 31st December 1917.		Corresponding fortnight of 15th January 1917.		Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	Present fortnight ending 15th January 1918.	Past fortnight ending 31st December 1917.	Corresponding fortnight of 15th January 1917.	DISTRICTS.
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.							
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
7 8	7 0	8 0	7 0	20 0	19 0	8 0	8 0	6 8	3 0	3 8	4 0	Hissar.
8 8	8 0	8 0	7 0	17 0	16 0	8 8	8 8	8 0	3 0	3 0	5 0	Rohtak.
8 8	8 0	8 0	7 8	18 0	17 0	8 0	8 0	7 8	3 8	3 8	4 0	Gurgaon.
9 4	8 8	8 4	7 12	15 8	15 8	9 0	9 0	8 0	2 10	3 0	4 0	Karnál.
10 5	10 0	12 5	11 8	12 5	11 12	6 8	5 12	6 4	2 12	2 10	4 4	Ambála.
8 12	8 0	7 4	6 0	10 10	9 0	4 10	4 12	5 0	§	§	†	Simla.
												JULLUNDUR.
*	6 0	*	6 0	*	6 8	4 0	4 0	4 0	‡	‡	†	Kángra.
9 0	8 8	11 0	10 0	13 0	12 0	5 8	6 0	5 8	‡	‡	4 8	Hoshiárpur.
9 8	8 12	10 4	9 12	12 6	12 0	5 0	5 0	5 0	2 12	2 12	5 0	Jullundur.
11 0	10 8	11 0	10 8	11 0	10 8	6 8	6 8	6 0	2 8	2 8	3 8	Ludhiána.
8 0	7 0	8 0	7 0	10 8	10 0	5 8	5 0	5 8	2 14	2 14	4 8	Ferozepore.
												LAHORE.
10 0	9 8	10 0	9 8	14 0	13 0	6 8	6 0	6 0	2 12	2 12	3 12	Lahore.
10 0	9 8	10 0	9 0	11 7	10 8	8 0	7 8	7 12	2 12	3 0	3 12	Amritsar.
*	8 0	*	8 0	10 0	10 0	8 0	9 0	7 0	4 0	4 0	5 0	Gurdáspur.
10 0	9 8	9 8	9 0	11 8	11 4	7 8	6 0	7 8	3 0	3 0	5 0	Siálkot.
9 4	9 0	10 0	9 8	12 0	11 12	6 8	6 0	7 4	3 0	3 4	4 12	Gujránwála.
												RAWALPINDI.
10 0	9 0	9 0	8 0	12 0	11 0	6 0	6 8	7 0	‡	‡	4 0	Gujrát.
10 0	9 0	9 7	8 0	14 0	13 0	6 8	6 8	7 8	2 8	2 12	4 8	Shahpur.
11 0	10 0	11 0	10 0	13 0	12 0	5 8	5 8	6 8	‡	‡	†	Jhelum.
11 8	11 0	12 8	11 12	14 8	14 0	8 0	7 12	6 8	§	§	†	Ráwalpindi.
14 0	13 8	11 8	11 0	*	12 0	8 0	7 0	7 0	4 0	4 0	5 0	Attock.
10 0	10 0	10 0	10 0	12 0	12 0	5 8	5 12	5 4	‡	‡	†	Miánwáli.
												MULTAN.
8 0	7 0	7 12	7 8	9 0	8 0	6 0	6 0	6 8	3 0	3 0	5 0	Montgomery.
9 14	9 4	9 11	9 4	10 10	10 0	7 0	7 0	7 8	2 4	§	4 0	Lyallpur.
8 14	8 0	9 8	8 8	10 0	9 8	6 12	6 8	6 8	1 15	2 10	3 12	Jhang.
8 4	8 0	9 0	8 8	14 0	13 4	4	5 12	7 0	2 3	2 9	3 12	Multán.
8 8	8 0	7 8	7 0	9 0	9 0	4	6 4	6 0	3 0	3 0	6 8	Muzaffargarh.
10 0	9 8	10 0	9 0	11 12	11 4	10	6 10	5 0	3 2	3 2	5 10	Dera Gházi Khan.

§ Not procurable.

imports and exports.
ending 15th January 1918, was 7 seers and 5 seers 2 chataks, respectively.

Corrections.

December 1917 under head " past " under " retail salt " *read* " 10 seers " *for* " 15 seers. "

B. D. SINGH, HEAD ASSTT. OF STATISTICS,
Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 8 seers 6 chataks as compared with 8 seers 2 chataks in last fortnight and 9 seers 1 chatak in corresponding period of 1917. The chief variaions in each Division are—

		Same fortnight in 1917. Seers. C.	Last fortnight. Seers. C.	This fortnight. Seers. C.
Ambála	...	8 6	7 12	8 0
Kángra	...	10 0	7 0	6 12
Lahore	...	8 12	8 0	7 12
Gujrát	...	10 0	8 8	8 8
D. G. Khan	...	9 0	7 8	7 8

Barley.—Prices average 11 seers 11 chatcks as compared with 11 seers 12 chataks in last fortnight and 12 seers 14 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. C.	Last fortnight. Seers. C.	This fortnight. Seers. C.
Gurgaon	...	13 4	11 0	11 8
Ludhiána	...	13 0	9 8	9 8
Amritsar	...	12 0	9 8	9 12
Attock	...	15 0	12 0	12 0
D. G. Khan	...	13 12	10 0	10 0

Rice.—Prices average 7 seers 2 chataks as compared with 7 seers 3 chataks in last fortnight and 7 seers 6 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. C.	Last fortnight. Seers. C.	This fortnight. Seers. C.
Ambála	...	8 8	7 12	7 12
Ferozepore	...	7 8	6 8	6 8
Gurdáspur	...	8 0	8 0	7 0
Shahpur	...	7 0	6 0	6 0
Montgomery	...	7 0	6 12	6 0

Jowar.—Prices average 10 seers 14 chataks as compared with 11 seers 9 chataks in last fortnight and 14 seers 1 chatak in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. C.	Last fortnight. Seers. C.	This fortnight. Seers. C.
Rohtak	...	18 0	15 0	14 0
Ludhiána	...	15 0	10 0	9 8
Gurdáspur	...	15 0	9 0	9 0
Ráwalpindi	...	15 0	11 12	11 12
Multán	...	14 8	10 8	8 4

Bajra.—Prices average 10 seers 5 chataks as compared with 10 seers 8 chataks in last fortnight and 12 seers 8 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. C.	Last fortnight. Seers. C.	This fortnight. Seers. C.
Rohtak	...	16 8	10 12	10 8
Ludhiána	...	11 8	9 8	9 8
Amritsar	...	11 12	9 12	8 4
Gujrát	...	13 0	10 0	10 0
D. G. Khan	...	13 0	9 1	9 1

Gram.—Prices average 9 seers 6 chataks as compared with 9 seers 12 chataks in last fortnight and 11 seers 5 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. C.	Last fortnight. Seers. C.	This fortnight. Seers. C.
Rohtak	...	13 8	11 8	11 0
Ludhiána	...	12 0	9 8	9 8
Gurdáspur	...	10 8	8 0	8 0
Gujrát	...	10 8	9 0	8 12
Lyallpur	...	11 4	9 4	8 1

Maize.—Prices average 10 seers as compared with 10 seers 10 chataks in last fortnight and 13 seers 8 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. C.	Last fortnight. Seers. C.	This fortnight. Seers. C.
Ambála	...	15 8	11 12	12 0
Ludhiána	...	15 8	11 0	11 0
Amritsar	...	14 0	10 8	10 0
Shahpur	...	14 0	11 8	10 8
Lyallpur	...	14 0	9 0	9 8

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JANUARY 1918.

WHOLESALE PRICE PER MAUND OF 82⅐ LBS. OR 40 SEERS OF 80 TOLAS EACH.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Name of district.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 0 0	5 0 0	4 15 0	3 5 0	...	2 12 0	4 0 0	3 4 0	3 15 0	5 0 0	5 12 0	5 4 0	5 12 0	7 0 0	6 0 0	43 0 0
Ferozepore ...	2 13 9	5 11 6	5 0 0	3 10 3	...	...	...	3 10 3	3 13 0	7 4 6	6 10 9	...	6 2 6	6 10 9	6 10 9	33 11 0
Lahore ...	2 13 9	5 0 0	5 0 0	3 5 3	3 9 0	3 13 0	4 3 3	4 7 0	3 14 3	5 5 3	5 11 6	4 13 6	6 2 6	8 0 0	5 14 9	35 8 9
Amritsar ...	2 13 6	5 4 6	4 8 0	4 0 0	...	...	...	3 14 6	3 13 6	...	6 4 0	5 0 0	6 12 0	8 0 0	4 14 0	35 0 0
Ráwalpindi ...	...	4 14 0	5 2 6	3 0 0	...	3 5 3	3 5 3	3 8 11	4 0 0	...	4 7 1	4 11 3	...	...	5 0 0	...
Lyallpur ...	3 0 0	6 2 0	4 14 0	3 4 0	...	...	...	4 0 0	4 7 0	...	...	...	6 0 0	9 0 0	4 12 0	54 4 0
Multán ...	3 0 0	5 0 0	4 12 6	3 7 6	3 11 6	4 11 0	4 0 0	...	4 0 9	...	6 0 0	...	7 0 0	6 0 0	6 2 6	49 0 0

WHOLESALE PRICE PER MAUND OF 82⅐ LBS. OR 40 SEERS OF 80 TOLAS EACH (columns 18–29).

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Name of district.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow).	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	4 0 0	65 0 0	5 7 0	13 0 0	16 0 0	3 14 0	50 0 0	1 9 0	...	1 0 0	1 0 0	...	(a)4 8 0	150 0 0	100 0 0	
Ferozepore ...	4 5 3	60 15 3	5 5 3	16 0 0	16 0 0	5 0 0	...	2 3 6	...	0 14 3	...	...	(a)3 12 6	225 0 0	142 0 0	
Lahore ...	4 0 0	67 6 0	5 14 9	13 5 3	18 13 3	4 0 0	37 8 0	2 13 9	1 0 0	1 4 0	...	1 2 0	(a)4 4 0	170 0 0	160 0 0	
Amritsar ...	4 2 0	65 8 0	5 5 0	10 0 0	18 0 0	4 0 0	40 0 0	2 4 0	...	1 5 0	1 0 0	1 2 0	(b)4 0 0	(b) ...	140 0 0	
Ráwalpindi ...	...	60 15 3	5 11 5	...	...	3 7 9	39 0 0	...	...	2 0 0	...	...	(c)4 4 0	120 0 0	100 0 0	
Lyallpur ...	3 9 0	58 4 0	5 8 0	16 0 0	18 0 0	4 2 0	36 0 0	2 1 0	...	1 0 0	...	1 4 0	(d)4 12 0	200 0 0	120 0 0	
Multán ...	3 5 0	57 0 0	5 4 0	10 0 0	22 8 0	4 13 6	40 0 0	2 7 0	1 0 0	1 2 3	...	...	(a)3 14 0	...	105 0 0	

Quotations have not been shown in cases in which there have been no wholesale transactions.

NOTE.—Prices of rice as shown in the statement are for the quality in common demand.

N.B.—Variations in prices are due to fluctuations in imports and exports.

In the fortnight ending 31st December 1917 under head "Linseed" against Multan substitute Rs. 5-8-0 for Rs. 3-4-0.

(a) "Elephant Brand. (b) Monkey Brand. (c) Victoria Brand. (d) Deer mark.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB;
Lahore, dated the 25th January 1918.

MAHBUB SHAH, SUPDT.,
Office of Director of Land Records, Punjab.

PRICES CURRENT OF FOOD GRAINS, ...

QUANTITIES PER RUPEE ...

1	2	3	4					5					6			
			Wheat.					Barley.					Rice (common).			
Division.	No.	District.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.
			Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.	1	Hissár	9 0	9 0	9 0	9 0	8 0	13 0	13 8	13 8	13 0	13 0	7 0	7 0	7 0	7 0
	2	Rohtak	9 12	9 4	8 14	8 4	8 0	14 0	14 0	13 0	13 0	13 0	6 8	6 8	6 8	6 8
	3	Gurgáon	10 4	9 4	9 4	8 8	8 4	13 8	13 0	13 0	12 0	11 8	8 0	8 0	8 0	8 0
	4	Karnál	10 8	10 0	9 0	8 8	8 8	15 0	13 8	13 8	13 8	13 8	7 8	8 0	8 0	7 0
	5	Ambála	9 4	8 14	8 10	7 10	7 10	14 0	13 0	13 0	11 8	11 8	7 12	8 0	8 0	7 12
	6	Simla	8 4	7 8	7 4	6 8	6 8	10 0	9 4	11 8	9 0	9 0	6 4	6 4	6 4	6 0
JULLUNDUR.	7	Kángra	12 0	9 0	9 0	7 8	7 0	14 0	13 8	13 8	11 0	10 8	8 8	8 8	8 8	8 8
	8	Hoshiárpur	10 0	9 10	9 4	8 8	8 0	14 0	14 0	13 0	9 8	11 0	7 4	7 4	7 4	7 4
	9	Jullundur	9 12	9 8	8 12	8 4	8 8	14 8	14 0	14 0	12 8	11 12	7 4	7 4	7 0	6 8
	10	Ludhiána	9 0	8 8	8 8	8 6	8 0	14 0	14 0	13 8	11 8	9 8	6 0	6 0	6 0	6 0
	11	Ferozepore ...	9 12	8 8	8 8	7 8	7 8	14 8	12 8	12 8	10 8	10 8	7 0	6 8	6 8	6 8
LAHORE.	12	Lahore	9 0	8 8	8 4	8 8	8 0	14 0	14 0	13 0	13 0	12 8	8 0	8 0	8 0	8 0
	13	Amritsar	10 0	9 0	9 0	8 4	8 4	14 0	12 4	12 8	10 6	9 8	8 4	7 12	7 8	7 8
	14	Gurdáspur														Sta...
	15	Siálkot	8 0	8 8	8 8	8 0	8 0	12 0	13 0	13 0	12 0	11 0	7 8	7 8	7 8	7 8
	16	Gujránwála	10 0	10 0	9 8	9 0	9 0	14 8	15 0	15 0	13 0	13 0	8 0	8 0	8 0	8 0
RAWALPINDI.	17	Gujrát	9 8	10 0	9 0	8 8	8 8	15 0	14 0	14 0	14 0	13 0	8 0	8 0	8 0	8 0
	18	Shahpur	10 0	9 8	8 12	8 0	8 12	14 0	14 0	14 0	14 0	14 0	7 0	6 8	6 8	6 8
	19	Jhelum	10 0	8 12	8 12	8 8	8 8	14 8	14 0	14 0	14 0	14 0	8 0	8 0	8 0	8 0
	20	Ráwalpindi	8 12	8 12	8 0	8 0	7 12	14 4	14 8	14 0	13 12	13 8	7 12	7 12	7 12	7 12
	21	Attock														Sta...
	22	Miánwáli	9 12	9 8	9 0	8 4	8 4	16 0	15 0	14 0	14 0	13 0	3 12	3 12	3 12	3 12
MULTAN.	23	Montgomery	10 0	9 0	8 13	8 2	8 2	12 8	12 0	11 8	11 0	11 0	7 4	6 1	6 12	6 12
	24	Lyallpur	9 8	8 4	8 4	8 4	8 0	13 8	13 0	13 0	13 0	13 0	7 0	7	7 0	6 8
	25	Jhang	12 9	9 8	9 4	8 4	8 4	13 4	14 0	13 5	13 0	12 12	5 8	5	5 8	5 8
	26	Multán	9 12	9 10	9 2	7 14	7 14	13 8	13 0	12 12	11 8	11 8	9 0	9	8 12	7 12
	27	Muzaffargarh ...														Sta...
	28	Dera Gházi Khan ...	9 0	8 10	8 7	7 8	7 4	14 0	12 0	12 3	10 0	10 0	8 12	8 0	7 4	7 4

NOTE.—The prices of Bathu and Masúr at Simla are 10 seers and 6 seers 4 chataks, for the week ending 22nd October 1917; 9 seers 4 chataks ... ending 22nd ... 8 seers 4 chataks and 6 seers 4 chataks, for the week ending 7th December 1817; 8 seers 4 chataks and 6 seers chataks for the week ...

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Dated Lahore, the 28th January 1918.

IN THE DISTRICTS OF THE PUNJAB.

ORDINARY SEER OF 80 TOLAS.

7					8					9					10				
Jowar or Cholum (Andropogon sorghum).					*Bajra or Cumbu (Pennisetum typhoideum).*					*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*					*Maize (Zea Mays).*				
Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
‡	‡	‡	‡	‡	14 8	12 0	12 0	12 0	11 8	14 0	12 12	12 8	12 8	11 12	‡	‡	‡	‡	‡
16 0	15 0	15 0	14 0	13 0	18 0	14 8	13 8	10 12	10 12	13 8	12 14	12 0	11 2	11 4	§	‡	‡	‡	‡
14 0	13 0	13 8	11 0	11 0	14 4	13 0	12 12	11 0	11 0	13 0	12 8	12 8	11 4	11 0	12 8	12 0	2 0	11 0	11 0
§	‡	‡	‡	14 0	§	‡	11 0	10 0	11 0	14 0	12 0	12 0	11 0	11 0	16 0	14 0	13 0	12 8	12 8
14 0	15 8	15 8	14 0	14 0	13 0	13 0	13 0	11 0	10 0	13 0	12 0	12 0	9	9 8	15 0	15 0	13 8	11 12	11 12
9 8	8 12	10 0	7 8	9 4	10 12	8 12	10 0	8 4	10 0	9 12	9 4	9 0	8 4	8 8	10 0	10 0	10 0	10 0	10 0
‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	9 0	8 8	8 8	7 0	6 8	12 0	12 8	12 8	10 4	10 0
11 0	11 0	11 0	11 0	11 0	13 0	13 0	13 0	12 0	11 8	11 0	11 0	11 0	9 8	§	14 4	14 4	13 0	12 0	11 4
13 0	14 0	14 0	11 0	11 0	12 0	11 0	11 0	10 0	10 0	12 0	11 8	11 0	9 8	9 4	13 0	12 12	12 0	11 0	11 4
13 8	13 8	13 8	13 8	10 0	13 0	13 0	12 8	12 0	9 8	12 0	11 8	11 8	10 0	9 8	15 0	15 0	13 4	12 8	11 0
15 0	§	‡	‡	‡	14 0	§	†	†	†	12 12	11 0	11 0	10 0	10 0	§	11 8	11 8	10 8	10 8
12 8	12 8	12 8	12 8	11 12	13 0	13 0	12 0	12 0	10 0	12 12	11 12	11 0	10 12	10 0	13 0	13 0	11 0	11 0	10 8
17 0	15 0	15 0	14 0	14 8	13 0	12 8	12 4	11 12	10 4	12 4	10 12	10 8	9 8	10 0	13 0	12 0	12 4	11 0	10 12
not received.																			
§	§	§	§	§	§	§	§	§	§	10 0	9 8	9 8	9 0	8 0	12 0	12 0	11 0	10 0	10 0
§	§	§	§	§	§	§	§		§	12 0	11 8	10 8	10 4	9 12	‡	‡	‡	‡	‡
§	§	§	§	§	14 0	13 0	12 0	11 0	10 0	11 0	10 12	10 8	10 0	9 8	12 0	12 0	11 0	11 0	10 0
13 0	13 0	13 0	13 0	13 0	14 8	14 8	14 8	12 0	12 0	12 8	12 8	12 8	10 12	10 12	14 0	14 0	14 0	11 8	11 8
§	§	§	§	§	14 8	13 0	13 0	11 8	11 0	11 12	11 0	11 0	10 4	9 8	13 0	11 0	11 0	10 8	10 0
14 8	14 4	13 12	11 12	11 12	14 8	15 8	11 12	11 12	11 8	11 8	10 12	10 4	10 4	10 0	12 12	13 12	11 12	11 12	11 0
not received.																			
13 0	13 0	12 0	11 0	11 0	16 0	15 0	13 8	12 0	12 0	13 8	13 4	12 8	11 0	11 0	‡	‡	‡	‡	‡
13 0	§	§	§	§	12 8	§	§	§	§	12 2	11 10	11 10	9 6	9 6	§	§	§	§	§
‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	12 0	11 0	11 0	10 0	9 12	‡	‡	‡	‡	9 14
11 0	10 0	10 0	10 0	8 10	11 0	11 8	11 4	10 8	10 0	12 0	12 0	11 8	10 4	10 4	12 0	12 0	12 0	12 0	11 0
13 0	13 8	11 12	11 8	11 0	13 0	12 0	11 0	9 12	9 4	12 0	11 8	10 12	9 8	9 10	12 12	12 12	11 0	10 8	10 0
not received.																			
12 8	11 14	10 10	10 0	9 0	13 0	11 9	11 2	9 0	8 10	10 8	10 4	10 4	9 0	9 0	‡	‡	‡	‡	‡

† Not produced. ‡ Not sold. § Not procurable.

and 6 seers 4 chataks for the week ending 7th November 1917; 9 seers 4 chataks and 5 seers 12 chataks for the week ending 22nd November 1917, December 1917, respectively.

B. D. SINGH, HEAD ASSTT. OF STATISTICS,

Office of Director of Land Records, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 19th January 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...		Statement	not	received.																	1
2		Hánsi ...																					2
3		Bhiwáni ...																					3
4		Sirsa ...																					4
5	Rohtak ...	Rohtak ...	19,862	9	1	10	10	4	6	...	2	...	2	1	2	...	3	2	3	5	26	26	5
6		Jhajjar ...	10,617	3	3	6	5	4	1	...	1	...	1	...	...	...	3	2	...	2	30	25	6
7		Sonepat ...	12,014	7	6	13	6	4	2	...	...	...	2	1	1	...	2	2	1	3	56	26	7
8	Gurgaon ...	Rewári ...	24,780	7	10	17	17	10	7	...	...	...	...	3	4	...	10	3	1	4	36	36	8
9	Karnál ...	Karnál ...	21,018	4	8	12	6	3	3	...	...	...	2	...	2	...	2	...	...	...	30	15	9
10		Kaithal ...	12,912	6	6	12	7	5	2	...	...	...	4	...	2	...	1	3	1	4	49	29	10
11		Pánipat ...	26,342	11	12	23	20	9	11	...	9	...	[illegible]	...	4	...	4	4	5	9	46	40	11
12		Shahabad ...	11,054	...	3	3	7	5	2	...	...	...	...	...	4	...	3	1	...	1	14	33	12
13	Ambála ...	Ambála ...	34,493	13	8	21	17	6	11		...	2	6	...	8	...	1	...	...	..	45	36	13
14		Jagádhri ...	12,045	2	10	12	11	5	6	...	...	2	5	...	2	...	2	...	1	1	52	48	14
15	Hoshiárpur ...	Hoshiárpur ...	15,980	13	10	23	7	2	5	...	...	...	2	...	4		1	...	3	3	70	21	15
16	Jullundur ...	Jullundur ...	55,354	28	16	44	27	14	13	...	...	1	11	2	6	...	7	5	3	8	41	25	16
17	Ludhiána ...	Ludhiána ...	43,152	16	16	32	38	20	18	...	...	4	28	1	1	...	4	3	2	5	39	46	17
18		Jagráon ...	15,039	5	8	13	4	1	3	...	...	...	2	...	1		1	...	...	..	45	14	18
19	Ferozepore ...	Ferozepore ...	24,678	6	11	17	9	5	4	...	...	...	6	...	2	...	1	..	3	3	36	19	19
20		Fázilka ...	10,985	10	6	16	10	6	4	...	...	...	5	...	3	...	2	1	3	4	16	48	20
21	Lahore ...	Lahore ...	210,271	74	59	133	185	99	86	...	...	18	93	6	27	5	36	15	18	33	33	46	21
22		Kasúr ...	24,783	10	10	20	20	10	10	...		1	11	--	1	3	4	2	2	4	42	42	22
23	Amritsar ...	Amritsar ...	151,339	68	59	122	130	67	63	...	1	...	60	10	49	1	9	10	6	16	42	45	23
24	Gurdáspur ...	Batála ...	26,430	10	12	22	40	24	16	...	...	19	11	...	9	..	1	2	2	4	44	79	24
25	Siálkot ...	Siálkot ...	48,595	21	21	42	17	11	6	.	...	...	7	...	8	...	2	2	3	5	45	18	25
26	Gujránwála ...	Gujránwála ...	28,637	16	9	25	19	14	5	...	.	...	18	...	...	...	1	3	...	3	46	35	26
27		Wazírabad ...	17,146	4	9	13	12	5	7	...	...	...	9	...	3	...	...	...	3	3	40	36	27
28	Gujrát ...	Gujrát ...	18,692	7	8	15	8	5	3	...	...	...	4	1	2	..	1	1	..	1	42	22	28
29		Jalálpur ...	11,615	5	6	11	8	7	1	...	...	...	5	...	3	.	...	1	...	1	49	36	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	5	14	19	12	7	5	...	...	...	5	2	...	1	4	3	2	5	65	41	30
31		Khusháb ...	10,159	1	3	4	9	5	4	...	...	...	2	1	4	...	2	2	...	2	20	46	31
32	Jhelum ...	Jhelum ...	12,298	4	2	6	10	6	4	...	...	...	8	...	1	...	1	2	...	2	25	42	32
33		Pind Dádan Khan	10,590	10	5	15	16	10	6	...	...	...	6	3	5	...	2	3	3	6	74	79	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	26	18	44	24	12	12	...	...	2	9	1	5	...	7	4	2	6	49	27	34
35	Lyallpur ...	Lyallpur ...	19,578	9	6	15	6	2	4	...	...	...	4	1	...	...	1	..	2	2	40	16	35
36	Jhang ...	Jhang-Maghiána	25,914	16	14	30	18	9	9	...	...	...	4	1	...	...	13	1	5	6	60	36	36
37		Chiniot ...	14,085	8	8	16	12	5	7	...	...	...	5	...	...	..	7	1	3	4	59	44	37
38	Multán ...	Multán ...	85,747	43	41	84	84	42	42	...	...	5	41	6	7	...	25	9	12	21	51	51	38
		Grand Total ...	1,119,049	472	438	910	831	443	388	...	13	54	381	40	170	10	163	87	89	176	42	39	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	3	...	3	6	3	3	...	...	...	3	...	1	...	2	2	...	2	8	16	
	Dharmsála	... ...	2,518	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ..	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 19th January 1918 there were 910 births registered in the 34 large municipal towns (472 males and 438 females), giving a birth rate of 42 *per mille* of population, and 831 deaths were registered (443 males and 388 females), giving a death rate of 39 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 46 against 36 in the corresponding week of the previous year, Amritsar 45 against 26 and Multán 51 against 36.

There were 9 deaths registered from small-pox in Pánipat, 2 in Rohtak, and 1 each in Jhajjar and Amritsar. Of the 54 deaths from plague, 19 were reported in Batála, 18 in Lahore, 5 in Multán, 4 in Ludhiána, 2 each in Ambála, Jagádhri and Ráwalpindi, and 1 each in Jullundur and Kasúr

Sanitary Commissioner's Office,
Lahore :
The 30th January 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

2237 PGG—630—1-2-18—SG PP Lahore.

Registered No. L. 864

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 6.] LAHORE, FRIDAY, FEBRUARY 8, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 5th February 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water in perennial canals sufficient. 3. Good.	Wheat, 8½ ... Bajra, 11. Gram, 12. Bejhar, 13½. Prices between normal and warning rates.	...	Standing crops good.
2	Rohtak ...	...	1. Adequate ... 2. (a) Do. (b) Canal closed. 3. Generally good.	Wheat, 8½ ... Gram, 11¼. Barley, 11¾. Jowar, 14. Bajra, 10. Prices between normal and warning rates.	Pressing of sugarcane continues. Yield good.	Standing crops generally good.

No.	Reporting station.	Rain	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Autumn.	Prospects of — Spring.
3	Gurgaon ...		1. Scare in Palwal, Nuh and Rewári Tahsils. 2. (b) Sufficient. 3. Good.	Wheat, $7\frac{1}{2}$ to 9 ... Barley, $11\frac{1}{2}$ to $12\frac{1}{2}$. Gram, $11\frac{1}{2}$ to $12\frac{1}{2}$. Jowar, 11 to 12. Bajra, 9 to 14. Maize, 11 to 12. Prices between normal and warning rates.	...	Rain wanted for standing crops which are generally in good condition.
4	Ambála ...		1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Good.	Wheat, 8 .. Gram, $10\frac{1}{2}$. Barley, $11\frac{3}{4}$. Maize, $12\frac{1}{4}$. Bajra, $10\frac{3}{4}$. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Rain badly needed. Standing crops, specially wheat and oilseeds, good.
5	Jullundur ..	...	1. Inadequate ... 2. (a) Adequate. 3. Generally good.	Wheat, $8\frac{1}{2}$ .. Barley, $12\frac{1}{2}$. Gram, $9\frac{1}{2}$. Maize, $11\frac{1}{2}$. Jowar, 10. Bajra, 10. Prices between normal and scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing irrigated crops good and unirrigated below average. Rain badly wanted
6	Ferozepore ..	...	1. Sufficient except in Bet tract. 2. (a) Sufficient. 3. Good.	Wheat, $8\frac{1}{2}$ ... Gram, $10\frac{1}{2}$. Prices between warning and scarcity rates.	...	Rain badly wanted. Standing crops good.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 .. Gram, 10. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield normal.	Standing crops good.
8	Amritsar ...	...	1. Insufficient .. 2. (b) Canals flowing by turns; supply sufficient. 3. Average.	Wheat, 9 ... Gram, $10\frac{1}{4}$. Barley, 11. Jowar, 13. Maize, 12. Bajra, $9\frac{3}{4}$. Prices generally between warning and scarcity rates.	Sugarcane being pressed. Yield about normal.	Standing irrigated crops average and unirrigated below average.
9	Siálkot ...	...	1. Scarce .. 2. (a) Sufficient. (b) Canal closed. 3. Cattle weak owing to cold and scarcity of fodder.	Wheat, $7\frac{1}{2}$ to $8\frac{1}{2}$ .. Barley 12 to $12\frac{1}{2}$. Maize, 10. Gram, $8\frac{1}{2}$ to 9. Prices between warning and scarcity rates.	Condition and yield of sugarcane average.	Sowings of extra spring crops continue in Raya and Siálkot Tahsils. Standing crops good.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
10	Shahpur ...	...	1. Sufficient .. 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Generally good.	Wheat, $8\frac{1}{16}$ to 9 ... Gram, 10 to 11. Bajra, 11¾ to 12. Maize, 10 to 12. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield below normal.	Standing irrigated crops generally good and unirrigated average. Rain badly wanted
11	Ráwalpindi ...	...	1. Sufficient ... 3. Good.	Wheat, 7½ ... Barley, 13. Gram, 9¼. Bajra, 11¾. Maize, 11. Jowar, 10¾. Prices generally between warning and scarcity rates.	...	Standing crops good.
12	Miánwáli ...	...	1. Procurable .. 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat 8 ... Barley 13. Bajra 12½. Jowar 11. Gram 11.	...	Standing crops average. Rain wanted.
13	Lyallpur ...	...	1. Sufficient ... 2. (b) Canals flowing by rotations; supply normal. 3. Generally good.	Wheat, 8½ ... Gram, 10. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing crops generally good. Toria being harvested. Yield normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing by turns. 3. Good.	Wheat, 7⅞ ... Gram, 8½. Maize 8¼. Jowar 7. Bajra, 9¾. Prices between warning and scarcity rates or at above scarcity rates.	...	Standing crops good. Sowings of extra spring crops continue. Toria being harvested. Yield normal.

GENERAL REMARKS.

WEATHER dry. Rain is badly wanted everywhere for spring crops. Pressing of sugarcane continues. Yield normal to good. Standing crops are generally in good condition. Toria is being harvested in parts of the west, yield normal. Stocks of food-grains generally sufficient. Cattle are healthy. Fodder is scarce in some districts. Prices are generally stationary, but have fallen slightly in some districts. They range generally between warning and scarcity rates, except in some south-eastern districts where they range between normal and warning rates. Prices of wheat. – Ráwalpindi 7½, Ambála and Lahore 8, Lyallpur 8½, and Ferozepore 8½ seers per rupee.

RAHIM BAKHSH, SUPDT.,
for *Director of Land Records, Punjab.*

Prices current of food-grains, etc., in the districts of the Punjab for the week ending 7th January 1918.

1	2	3	4	5	6	7	8	9	10
			QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.						
Division.	No.	District.	Wheat.	Barley.	Rice (common).	Jowar or Cholum (*Andropogon sorghum*).	Bajra or Cumbu (*Pennisetum typhoideum*).	Gram, Chana, Chola, Kadalay or Sunaga (*Cicer arietinum*).	Maize (*Zea mays*).
			Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Ambala ...	1	Hissar ...	8 0	13 8	7 0	‡	11 0	11 0	‡
	2	Rohtak ...	8 4	12 0	5 8	14 0	10 8	11 4	§
	3	Gurgaon ...	8 4	11 8	8 0	11 0	11 0	11 0	11 0
	4	Karnál ...	8 8	13 0	9 8	14 0	10 0	11 0	12 8
	5	Ambála ...	8 0	11 12	7 12	14 0	9 12	10 0	12 0
	6	Simla ...	6 8	8 0	5 8	9 0	10 0	8 8	10 0
Jullundur ...	7	Kángra ...	7 0	10 0	8 8	‡	‡	6 8	10 0
	8	Hoshiárpur ...	8 0	10 12	7 0	9 0	11 0	8 12	11 4
	9	Jullundur ...	8 4	11 12	6 8	12 0	10 0	9 4	11 0
	10	Ludhiána ...	8 0	9 8	6 0	9 8	9 8	9 8	11 0
	11	Ferozepore ...	7 8	10 8	6 8	‡	†	10 0	§
Lahore ...	12	Lahore ...	8 0	11 8	7 12	10 0	9 0	10 0	8 8
	13	Amritsar ...	8 6	9 4	7 4	14 4	9 8	10 0	10 4
	14	Gurdáspur ...	9 0	11 0	7 0	9 0	§	8 0	11 0
	15	Siálkot ...	8 0	11 0	7 0	§	§	8 0	10 0
	16	Gujránwála ...	8 12	13 8	7 0	§	§	9 12	‡
Rawalpindi ...	17	Gujrát ...	8 8	14 0	8 0	§	10 0	8 12	10 0
	18	Shahpur ...	8 9	14 0	6 8	11 0	11 8	10 12	10 8
	19	Jhelum ...	8 4	13 0	7 0	‡	10 4	9 0	9 0
	20	Ráwalpindi ...	7 8	13 0	6 12	11 12	11 12	9 12	11 0
	21	Attock ...	Statement not received.						
	22	Miánwáli ...	8 0	12 0	3 12	11 0	12 0	11 0	‡
Multan ...	23	Montgomery ...	7 14	‡	6 0	§	§	8 10	§
	24	Lyallpur ...	8 0	§	6 4	‡	‡	8 12	9 8
	25	Jhang ...	8 4	12 12	5 8	10 0	11 0	9 8	11 0
	26	Multán ...	8 2	11 0	7 12	9 8	9 8	9 10	9 12
	27	Muzaffargarh ...	8 0	11 0	7 0	§	§	9 8	§
	28	Dera Gházi Khan ...	7 8	10 0	7 0	9 0	9 1	9 2	‡

† Not produced.
‡ Not sold.
§ Not procurable.

The prices of Bathu and Masur at Simla are 7-0 and 5-4 respectively.

Office of Director of Land Records, Punjab:
Lahore, the 28th January 1918.

B. D. SINGH, Head Asst., Statistics,
Office of Director of Land Records, Punjab.

Prices current of food-grains, etc., in the districts of the Punjab for the week ending 22nd January 1918.

1	2	3	4	5	6	7	8	9	10
			QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS						
Division.	No.	District.	Wheat.	Barley.	Rice (common).	Jowar or Cholum (*Andropogon sorghum*).	Bajra or Cumbu (*Pennisetum typhoideum*).	Gram, Chana, Chola, Kadalay or Sunaga (*Cicer arietinum*).	Maize (*Zea mays*).
			Srs. C.	Srs. C.	Srs. C.	Srs C.	Srs. C.	Srs. C.	Srs. C.
AMBALA ...	1	Hissar	8 8	13 8	7 0	‡	10 8	11 8	‡
	2	Rohtak	8 8	12 0	8 0	14 0	10 8	11 0	§
	3	Gurgaon	8 4	11 8	8 0	11 4	11 4	11 4	11 8
	4	Karnál	9 0	13 0	7 0	13 0	11 0	11 8	13 4
	5	Ambála	8 0	11 12	7 12	14 0	9 12	10 0	12 0
	6	Simla	6 8	8 0	5 0	9 0	10 0	8 8	10 0
JULLUNDUR ...	7	Kángra	6 8	10 0	8 8	‡	‡	6 0	10 0
	8	Hoshiárpur	8 0	10 8	7 0	9 0	10 0	8 12	11 4
	9	Jullundur	8 4	11 12	6 4	11 0	10 0	9 0	11 0
	10	Ludhiána	8 0	9 8	6 0	9 8	9 8	9 8	11 8
	11	Ferozepore	7 8	10 8	6 8	§	§	10 0	10 8
LAHORE ...	12	Lahore	7 12	11 8	7 12	10 0	9 0	10 0	8 8
	13	Amritsar	8 8	9 12	7 10	13 12	8 12	10 4	10 4
	14	Gurdáspur	8 8	10 8	7 8	9 8	§	8 8	11 0
	15	Siálkot	7 8	11 0	7 0	§	§	8 0	10 0
	16	Gujránwála	8 10	14 8	8 0	‡	‡	10 0	‡
RAWALPINDI ...	17	Gujrát	8 8	13 0	8 0	§	10 0	8 12	9 0
	18	Shahpur	8 7	12 0	6 0	11 0	11 12	10 12	10 8
	19	Jhelum	7 12	13 0	7 0	§	10 0	9 0	9 10
	20	Ráwalpindi	7 4	13 0	7 0	10 12	11 12	9 0	11 0
	21	Attock	8 4	12 0	7 0	‡	12 0	9 12	12 8
	22	Miánwáli	8 4	12 0	6 0	10 0	12 0	11 0	‡
MULTAN ...	23	Montgomery	7 14	10 8	5 12	§	§	9 2	§
	24	Lyallpur	8 0	12 0	6 8	§	§	8 12	9 8
	25	Jhang	8 4	12 12	7 0	10 0	11 0	9 0	10 4
	26	Multán	7 14	11 0	7 4	7 0	9 4	§	8 12
	27	Muzaffargarh	8 0	10 0	7 0	§	§	9 12	$
	28	Dera Gházi Khan	7 8	10 8	7 0	8 12	8 12	9 4	‡

NOTE:—The prices of Bathu and Masur at Simla were 7·0 and 5·0 seers respectively.

‡ Not sold.

§ Not procurable

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Lahore, the 28th January 1918.

B. D. SINGH, HEAD ASST., STATISTICS,
Office of Director of Land Records, Punjab

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PUBLIC WORKS DEPARTM…

Irrigation Operations of East Pu…

Canals.		Water distributed during December 1917. Depth in Canal at regulating gauge. Authorized maximum gauge.	Actual throughout December 1917.	Gross consumption, cubic feet per second. Authorized full supply.	Actual average throughout December 1917.
	1	2	3	4	5
	MAJOR IRRIGATION WORKS.				
Western Jumna Canal.	At Dádupur ...	4·50	1·89	6,430	[illegible]
	Main Line, Major Distributaries ...	...	...	530	[illegible]
	Ditto Escapes ...	...	...	...	280
	Sirsa Branch ...	8·9	2·30	1,790	414
	Delhi Branch ...	8·2	1·24	1,725	211
	Hánsi Branch ...	8·70	4·68	2,190	734
	Loss in Main Line ...	...	...	...	[illegible]
	Total ...	...	...	...	[illegible]
	Deduct Escapage ...	...	...	...	[illegible]
	Net utilized ...	...	...	...	[illegible]
Sirhind Canal.	Main Line ...	12·0	5·29	8,500	[illegible]
	Abohar Branch ...	8·0	2·47	3,155	[illegible]
	Bhatinda " ...	7·1	3·18	2,306	[illegible]
	Feeders ...	11·0	4·64	3,080	[illegible]
	Loss in Main Line ...	...	...	...	[illegible]
	Total ...	...	...	...	[illegible]
	Deduct British Escapes ...	...	...	...	[illegible]
	Net utilized ...	...	...	...	[illegible]
Upper Bari Doab Canal.	Head Gauge, Rapid No. 2 ...	4·42	2·08	4,800	[illegible]
	Salampur Feeder ...	4·70	...	1,900	...
	Total entering Canal ...	...	...	6,700	[illegible]
	Kasúr Branch at Malliani Fall ...	3·42	1·42	740	[illegible]
	Sobráoñ Branch at Sathiáli Fall ...	6·00	2·29	882	[illegible]
	Main Line and Main Branch, Upper Distributaries ...	...	...	...	...
	Main Branch, Lower ...	4·5	3·22	2,559	[illegible]
	Lahore Branch ...	3·25	1·5	1,225	[illegible]
	Absorption ...	...	...	...	[illegible]
	Total ...	...	...	...	[illegible]
	Deduct Escapage ...	...	...	...	[illegible]
	Net utilized ...	...	...	...	[illegible]

...NJAB, IRRIGATION BRANCH.

...1917-18 up to 31st December 1917.

...AND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* December 1917.	Area irrigated *to end of* December 1917.	Area irrigated *to end of* December 1916.	
6	7	8	9	10	11	12	13	14	15
...mbála ...	840		0·42	0·60	Wheat ...	14,914	15,283	157,736	The canal was in flow for 28 days during the month.
...arnál ...	55,897		0·22	0·39	Barley ...	736	768	11,478	
...ohtak ...	46,329		0·30	0·14	Mixed grain	2,473	2,675	38,249	
...elhi ...	9,293	39	0·25	...	Sarson ...	269	274	6,472	
...issar	17,620		1·17	0·19	Gram ...	5,483	6,761	67,097	
...ind ...	12,479		0·24	...	Senji ...	175	215	438	
...ikáner ...	80	19	0·09	...	Miscellaneous	30,500	47,452	82,878	
...alsia ...	668	...	...	...	Sugarcane* ...	– 2,379	85,405	61,918	
...atiála ...	15,617	25	0·20	0·22					
...	158,833	...	...	...	...	† 52,171	† 158,833	† 426,266	
...udhiána ...	5,904		0·43	0·10	Wheat ...	26,041	32,603	266,370	The canal was in flow for 21 days during the month.
...erozepore ...	102,287		0·22	0·30	Barley ...	6,950	7,751	91,260	
...sar ...	363		...	..	Mixed grain...	509	1,410	11,257	
...aridkot State	23,699	34	...	...	Sarson ...	480	513	5,596	
...atiála State...	79,438				Gram ...	20,658	33,220	145,489	
...ábha State...	16,844		0·35	0·55	Senji ...	8,197	9,896	34,839	
...ind State ...	1,100				Miscellaneous	76,823	135,450	227,604	
...alsia State...	737		...		Sugarcane* ...	511	9,554	5,589	
...	230,397	...	...	...	...	‡ 140,169	‡ 230,397	‡ 788,004	
...urdáspur ...	27,946		0·83	0·50	Wheat ...	43,592	73,557	175,213	The canal was in flow throughout the month.
...mritsar ...	43,507	38	0·42	0·13	Barley ...	1,881	2,247	3,085	
...ahore ...	226,654		0·34	0·02	Mixed grain...	30,142	46,390	92,431	
...ontgomery...	...	...	...	...	Sarson ...	751	951	1,932	
					Gram ...	13,770	43,267	60,349	
					Senji ...	13,105	24,673	57,744	
					Miscellaneous	9,001	60,830	116,398	
					Sugarcane*	...	46,192	41,649	
...	298,107	...	...	...	...	112,242	298,107	548,789	

* Sugarcane being irrigated in both seasons, the area sown in the previous *kharif* is now included in the *rabi* statement.

† Includes the following areas irrigated in the Native States of Patiála and Jind :—

	During December 1917.	*To nd of December* 1917.	*To end of December* 1916.
Patiála State, Sirsa Branch	11,882 acres.	15,617 acres.	43,792 acres.
Jind State, Hánsi Branch	3,899 „	12,479 „	29,786 „

‡ Includes the following areas irrigated by the Native States Branches :—

	During December 1917.	*To end of December* 1917.	*To end of December* 1916.
Patiála State	55,707 acres.	69,529 acres.	229,704 acres.
Nábha State	6,360 „	9,901 „	25,664 „
Jínd State	77 „	869 „	17,373 „
Total ...	62,144 „	80,299 „	272,741 „

Irrigation Operations of East Ra...

Canals.		Water distributed during December 1917.			
		Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
		Authorized maximum gauge.	Actual throughout December 1917.	Authorized full supply.	Actual average throughout December 1917.
1		2	3	4	5
	MAJOR IRRIGATION WORKS—continued.				
Lower Bari Doab Canal.	Supply at head Balloki	9·6	4·17	6,750	3,11[illegible]
	Add—Share of absorption in Main Line, Upper and Lower, Upper Chenab Canal, debitable to Lower Bari Doab Canal.	...	...	...	[illegible]
	Total ...	...	...	...	3,47[illegible]
	Deduct Escapage	...	...	...	111
	Net utilized	...	...	...	3,361
Upper Chenab Canal.	Main Line, Upper, at R. D. 83,500 feet, Sambrial ...	11·77	6·34	11,742	4,758
	Main Line, Lower, at Bambanwála	..	...	..	4,201
	Raya Branch	...	...	..	...
	Nokhar Branch	...	...	...	...
	Loss by absorption	...	..	...	557
	Total	...	...	...	4,758
	Deduct—Passed on to River Ravi ... 3,287 " Share of loss by absorption in Main Line, debitable to Lower Bari Doab Canal. 358	...	...	...	3,645
	" Escapage	...	...	...	...
	Net utilized ...	...	...	...	1,113
Lower Chenab Canal.	Main Line	11·6	10·42	10,730	7,992
	Kot Nikka Branch	4·3	3·23	307	123
	Mián Ali "	9·0	8·0	574	531
	Rakh "	5·7	6·7	1,113	942
	Jhang Branch { Upper	9·0	7·82	2,942	884
	Jhang Branch { Lower	7·0	6·45	1,244	1,062
	Bhawána Branch	6·0	5·6	422	364
	Gugera Branch (including Burála Branch)	10·0	8·38	4,636	3,99[illegible]
	Distributaries of Main Line	...		590	54
	Loss in Main Line	...	...	268	35
	Total ...	...	...	...	7,99[illegible]
	Deduct Escapage	...	...	...	6[illegible]
	Net utilized ...	...	...	...	7,93[illegible]
Upper Jhelum Canal.	Jaggu at R. D. 123,000 feet, Main Line	9·6	7·35	8,380	5,32[illegible]
	(*a*) Gujrat Branch	6·2	4·57	1,728	1,0[illegible]
	(*b*) Main Line Distributaries	...		...	[illegible]
	(*c*) Loss by absorption	...	...	...	[illegible]
	Passed on to River Chenab at R. D. 418,500, feet, Main Line	...	...	...	4,05[illegible]
	Total				5,32[illegible]
	Deduct Escapage	...	...	...	...
	Net utilized (*a*) + (*b*) + (*c*) ...	...	...	...	1,284
Lower Jhelum Canal.	Main Line	8·9	...	3,750	2,824
	Northern Branch				1,301
	Southern Branch	7·0	4·95	1,750	975
	Southern Feeder	5·5	4·24	1,274	333
	Main Line Distributaries	5·7	5·20	390	141
	Loss in Main Line	...	...	...	73
	Total ..	...	...	...	2,824
	Deduct Escapage	...	...	...	102
	Net utilized ...	...	...	...	2,722

of 1917-18 up to 31st December 1917—continued.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* December 1917.	Area irrigated *to end of* December 1917.	Area irrigated *to end of* December 1916.	
6	7	8	9	10	11	12	13	14	15
Lahore ...	987	Not reported.			Wheat ...	8?,566	180,431	133,160	The canal was in flow throughout the month.
Montgomery...	214,438				Barley ...	1,920	3,997	2,846	
Multán ...	85,855				Mixed grain ...	802	2,119	773	
					Sarson and toria	1,918	22,745	28,450	
					Gram ...	1,920	7,408	4,883	
					Seuji	2,108	3,366	2, 86	
					Miscellaneous	17,057	73,273	74,325	
					Sugarcane* ...	...	7,941	2,809	
...	301,280	...	...	...	...	114,291	301,280	249,532	
Lahore ...	697	...	...	...	Wheat ...	20,658	40.180	51,223	The canal was in flow throughout the month.
Gujránwála ...	81,711	12	0·34	0·15	Barley ...	791	1.063	1.502	
Siálkot ...	1,949	12	0·61	0·26	Mixed grain ...	476	1099	1.908	
Lyallpur ...	13,503	...	...	...	Sarson and toria	1,444	8,336	7,328	
Sugarcane ...	6,791	...	...	...	Gram ...	1,878	4,017	6,596	
					Senji ...	2,494	4.804	4,654	
					Miscellaneous	4,782	38,361	44,557	
					Sugarcane* ...	598	6,791	7,132	
...	104,651	...	...	..	...	33,121	104,651	124,900	
Gujránwála ...	246,403	30	0·36	0·11	Wheat ...	264,262	799,464	818,613	The canal was in flow throughout the month.
Jhang ...	180,365	30	0·13	0·01	Barley ...	4,568	14,287	14,668	
Lyallpur ...	1,006,425	13	0·14	0·01	Mixed grain ...	6,532	28,210	21.867	
Area under sugarcane.	67,438	...	...	...	Sarson and toria	13,611	207,842	238,332	
					Toria and gram	59	3,463	...	
					Gram ...	10,372	86,514	87,697	
					Senji ...	34,444	90,465	95,792	
					Miscellaneous	22,847	202,948	208,637	
					Sugarcane*	...	67,438	62,422	
...	1,500,631	...	...	...	...	357,295	†1,500,631	1,548,028	
Shahpur ...	407	...	...	...	Wheat ...	33,278	55,454	46,941	The canal was in flow throughout the month.
Gujrát ...	84,265	...	...	...	Barley ...	692	960	953	
Sugarcane ...	2,517	...	...	...	Mixed grain ...	121	121	220	
					Sarson and toria	3,592	12,396	4,733	
					Gram ...	420	674	286	
					Senji ...	157	157	463	
					Miscellaneous	1,814	14.910	9,739	
					Sugarcane*	...	2,517	244	
...	87,189	...	...	...	...	40,074	87,189	63.579	
Shahpur ...	415,243	15	3·78	0·3	Wheat ...	171,432	293,540	272,024	The canal was in flow for 29 days during the month.
Jhang ...	73,288	15	2·81	0·24	Barley ...	5,483	9,204	9,103	
Gujrát ...	6,128	...	...	...	Mixed grain...	...	...	...	
					Sarson and toria	1,037	63,155	69,784	
					Gram	2,386	6,669	7,108	
					Senji ...	5,093	7,023	5,484	
					Miscellaneous	24,694	106,822	119,519	
					Sugarcane* ...	...	8,246	6,109	
...	494,659	...	...	...	...	210,125	494,659	489,131	

* Sugarcane being irrigated in both seasons, the area sown and irrigated in the previous *kharif* is now included in the *rabi* statement.

† Includes 2,538 acres on account of temporary cultivation.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during December 1917. — Depth in Canal at regulating gauge. — Authorized maximum gauge.	Actual throughout December 1917.	Gross consumption, cubic feet, per second. — Authorized full supply.	Actual avera e throughout December 1917.
1	2	3	4	5
MAJOR IRRIGATION WORKS—CONCLUDED.				
Upper Sutlej Inundation Canals — Lower Sohág and Pára Canal	7·0	...	1,420	...
Katora Canal	7·0	...	685	...
Khánwáh Canal	7·0	...	1,290	...
Upper Sohág Canal	7·0	...	1,540	...
Total ...	...	...	...	...
Sidhnai Canal	7·0	6·0	1,820	798
Subsidiary Canals	12·3	6·2	540	147
Total ...	...	...	...	...
Indus Inundation Canals	...	...	...	...
Tota ...	...	...	...	...
Abstract—Major Irrigation Works—				
Western Jumna Canal	...	...	...	...
Sirhind Canal	...	...	...	...
Upper Bari Doab Canal	...	...	...	...
Lower Bari Doab Canal	...	...	...	...
Upper Chenab Canal	...	...	...	...
Lower Chenab Canal	...	...	...	...
Upper Jhelum Canal	...	...	...	...
Lower Jhelum Canal	...	...	...	...
Upper Sutlej Inundation Canals	...	...	...	...
Sidhnai Canal	...	...	...	...
Indus Inundation Canals	...	...	...	...
Total ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Shahpur Canals (Imperial) — Eastern Station Canal	6·0	...	350	...
Western Station Canal	8·0	...	200	...
Sáhiwál Canal	8·0	...	550	...
Total ...	...	...	...	...

of 1917-18 up to 31st December 1917—continued.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* December 1917.	Area irrigated *to end of* December 1917.	Area irrigated *to end of* December 1916.	
6	7	8	9	10	11	12	13	14	15
Montgomery ...	208,237	24	0·10	...	Wheat ...	16,224	64.895	48,744	
Lahore ...	45,152		0·18	...	Barley ...	200	1,623	828	
					Mixed grain ...	18,721	52,256	4 ,258	
					Sarson ..	125	441	47	
					Gram ...	8,112	32,548	27,700	
					Senji ...	10	33	7	
					Miscellaneous	1,256	46,046	31,614	
					Total ...	44,648	197.842	156,198	
					Palever * ...	...	55,547	11,285	
...	253,389	...	...	...	...	44,648	253,389	167,483	
Multán ...	178,210	55	0·45	...	Wheat ..	22,562	101,508	111,174	
					Barley ...	431	2,473	4,817	
					Mixed grain ...	65	155	...	
					Sarson ...	416	2,286	4,740	
					Gram ...	2,400	16,626	18,543	
					Senji ...	168	497	482	
					Miscellaneous	96	54,586	324,350	
					Sugarcane * ...	...	79	57	
...	178,210	...	...	...	...	26,138	178,210	172,163	
D. G. Khan ...	63,168	10	0·16	0·07	Wheat ...	...	63,168	91,474	
					Barley ...				
					Mixed grain ...				
					Sarson				
					Gram				
					Senji ...				
					Miscellaneous				
					Sugarcane* ...				
...	63,168	...	...	...	...	...	63,168	91,474	
...	158,833	...	...	...	...	52,171	158,833	426,266	
...	230,397	...	...	...	...	140,169	230,397	788,004	
...	298,107	...	...	...	...	112,242	298,107	548,7 99	
...	301,280	...	...	...	...	114,291	301,280	249,532	
...	104,651	...	...	...	...	33,121	104,651	124,900	
...	1,500,631	...	...	...	...	357,295	1,500,631	1,548 028	
...	87,189	...	...	...	...	40,074	87,189	63,579	
...	494,659	...	...	...	...	210,125	494,659	489,131	
...	253,389	...	...	...	...	44,648	253,389	167,483	
...	178,210	...	...	...	...	26,138	1 78,210	172,163	
...	63,168	...	...	...	...	...	63,168	91,474	
...	3,670,514	...	..		...	1,130,274	3,670,514	4,669,359	
Shahpur ...	32,030	28	0·67	0·38	Wheat ...	5,197	32,030	28,005	
					Barley ...				
					Mixed grain ...				
					Sarson ...				
					Gram ...				
					Senji ...				
					Miscellaneous				
...	32,030	...	...	...	...	5,197	32,030	28,005	

*Sugar[illegible]

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during December 1917. — Depth in Canal at regulating gauge. — Authorized maximum gauge.	Actual throughout December 1917.	Gross consumption, cubic feet, per second. — Authorized full supply.	Actual average throughout December 1917.
1	2	3	4	5
MINOR IRRIGATION WORKS—concluded.				
Lower Sutlej Inundation Canals	...	...	...	...
Chenab Inundation Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals. Northern Canal Head	7·0	...	790	...
Southern " "	6·5	...	520	...
Minor Channels	...	...	100	...
Total utilized ...	...	...	1,410	...
Bikaner Border.				
Northern Canal	6·0	...	235	...
Southern "	5·0	...	316	
Total Bikaner ...	...	...	551	...
Utilized in British Territory	...	...	859	...
Total ...	...	...	1,410	...
Abstract—Minor Irrigation Works—				
Shahpur Canals (Imperial)	...			
Lower Sutlej Inundation Canals	...	...	...	..
Chenab Inundation Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals	...	...	...	...
	...	...	...	...
Total ...	...	...	...	...
Shahpur Canals (Provincial). Western Feeder, Raniwah Canal	7·0	...	520	...
Eastern " "	7·0	...	300	...
Corbynwah Canal	5·0	...	112	...
Total ...	...	...	...	...
Total Major Irrigation Works ...	...			
Total Minor Irrigation Works ...	...	...	...	...
		...	...	...
Total Major and Minor Irrigation Works (Imperial) ...	...	...	...	...
Shahpur Inundation Canals (Provincial) ...	...	...	...	...
Grand Total ...	...	...	...	...

Lahore:
The 29th January 1918

of 1917-18 up to 31st December 1917—concluded.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* December 1917.	Area irrigated *to end of* December 1917.	Area irrigated *to end of* December 1916.	
6	7	8	9	10	11	12	13	14	15
} Multán ...	{ 256,274 { 133,105	55 ...	0·33 ...	... ...	... ...	68 ...	256,274 133,105	230,564 124,085	
Muzaffargarh	255,231	5	0·26	...	...	...	255,231	234,857	
Hissar ... Bikáner State	11,366 5,804	... ...	... ...	... ...	Wheat ... Barley ... Mixed grain ... Sarson ... Gram ... Senji ... Miscellaneous	4,442 1,640 1,889 196 1,858 .. 874	5,168 1,789 2,145 249 3,821 ... 1,385	7,345 2,026 7,297 680 7,193 ... 1,681	
					Total ... Palever ...	10,899 —7,379	14,557 2,613	26,222 4,838	
...	17,170	...	...	...	...	3,520	17,170	31,060	
... ...	32,030 256,274 133,105 255,231 17,170	... ...	... ...	... ...	... ...	5,197 68 3,520	32,030 256,274 133,105 255,231 17,170	28,005 230,564 124,085 234,857 31,060	
...	693,810	...	...	...	...	8,785	693,810	648,571	
} Shahpur ...	11,853	28	0·67	0·38	Wheat ... Barley ... Mixed grain ... Sarson ... Gram ... Senji ... Miscellaneous	} 150	9,941	12,981	
					Total ... Palever ...	150 ...	9,941 1,912	12,981 ...	
...	11,853	...	...	...	...	150	11,853	12,981	
... ...	3,670,514 693,810	... ...	... ...	... ...	... ...	1,130,274 8,785	3,670,514 693,810	4,669,359 648,571	
... ...	4,364,324 11,853	... ...	... ...	... ...	... ...	1,139,059 150	4,364,324 11,853	5,317,930 12,981	
...	4,376,177	...	...	...	...	1,139,209	4,376,177	5,330,911	

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P. W. D., Irrigation Branch.

2295 PGG

Vital Statistics of the districts (excluding towns with population

Division.	No.	Districts, excluding towns.	Population under registration according to census of 1911. Males.	Females.	Total.	Births registered. Number registered (excluding still-births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Deaths. Cholera. Number registered.	Ratio per 1,000 per annum.	Small-pox. Number registered.	Ratio per 1,000 per annum.	Plague. Number registered.	Ratio per 1,000 per annum.	Fevers. Number registered.	Ratio per 1,000 per annum.
1	2	3	4	4	6	7	8	9	10	11	12	13	14	15	16	17
AMBALA.	1	Hissar	422,209	351,580	773,789	3,588	53·83	10	...	...	...	...	15	0·23	2,416	36·76
	2	Rohtak	385,401	329,433	714,834	3,739	61·60	38	...	...	13	0·21	11	0·18	1,480	24·38
	3	Gurgaon	376,330	328,057	704,387	3,284	54·89	15	...	...	...	...	...	...	4,468	74·61
	4	Karnál	412,911	339,516	752,427	3,731	58·40	53	...	...	5	0·08	8	0·13	1,327	20·77
	5	Ambála	343,881	264,179	608,060	2,371	45·91	66	...	...	5	0·10	54	1·05	1,065	20·62
	6	Simla	22,015	12,955	34,970	48	16·13	1	...	...	...	...	...	...	10	3·34
		Total of Division for month.	1,962,747	1,625,720	3,588,467	16,711	54·83	183	...	...	23	0·07	88	0·29	10,756	35·29
		Total of corresponding month of previous year.				17,957	58·92	199	...	...	2	0·01	38	0·12	5,393	17·70
JULLUNDUR.	7	Kángra	398,401	368,285	766,686	2,371	36·40	8	...	...	...	...	4	0·06	901	13·83
	8	Hoshiárpur ...	501,510	417,059	918,569	2,946	37·76	...	...	...	...	...	33	0·42	1,613	20·67
	9	Jullundur	410,060	322,542	732,602	2,724	43·78	1	...	...	...	...	444	7·14	1,315	21·14
	10	Ludhiána	268,766	205,274	474,040	2,304	57·22	2	...	...	...	...	306	7·60	708	17·58
	11	Ferozepore ...	506,938	401,883	908,821	3,886	50·34	7	...	...	8	0·10	...	...	2,607	33·77
		Total of Division for month.	2,085,675	1,715,043	3,800,718	14,231	44·09	18	...	...	8	0·02	787	2·44	7,144	22·13
		Total of corresponding month of previous year.				15,737	48·75	15	...	...	10	0·03	22	0·07	5,614	17·39
LAHORE.	12	Lahore	438,215	344,473	782,688	3,599	54·15	77	...	...	19	0·29	646	9·72	3,176	47·79
	13	Amritsar	407,705	320,267	727,972	3,382	54·71	32	...	...	6	0·10	23	0·37	3,044	49·24
	14	Gurdáspur ...	451,935	354,196	806,131	3,432	50·12	3	...	...	1	0·01	121	1·77	1,833	26·77
	15	Siálkot	504,104	410,580	914,684	4,133	53·20	62	...	...	...	...	...	...	2,761	35·54
	16	Gujránwála ...	502,651	392,131	894,782	3,598	47·35	76	...	...	1	0·01	145	1·91	5,454	71·78
		Total of Division for month.	2,304,611	1,821,646	4,126,257	18,144	51·77	250	...	...	27	0·08	935	2·67	16,258	46·39
		Total of corresponding month of previous year.				20,019	57·12	224	...	...	19	0·05	20	0·06	11,040	31·50
RAWALPINDI.	17	Gujrát	400,596	345,038	745,634	3,242	51·19	68	...	...	...	...	2	0·03	2,325	36·71
	18	Shahpur	376,886	310,480	687,366	2,132	36·35	66	...	...	...	...	1	0·02	3,922	67·18
	19	Jhelum	262,228	241,967	504,195	1,660	38·78	23	...	...	...	...	7	0·16	1,689	39·46
	20	Ráwalpindi ...	238,776	222,224	461,000	1,623	41·46	29	...	...	...	...	313	7·99	831	21·22
	21	Attock	270,392	244,894	515,286	1,714	39·16	26	...	...	...	...	18	0·41	1,707	39·00
	22	Miánwáli	179,897	161,480	341,377	1,307	45·09	46	...	...	1	0·03	...	...	1,665	57·44
		Total of Division for month.	1,728,775	1,526,083	3,254,858	11,678	42·25	259	...	...	1	0·004	341	1·23	12,139	43·91
		Total of corresponding month of previous year.				12,455	45·06	219	...	...	...	...	2	0·01	7,665	27·73
MULTAN.	23	Montgomery ...	276,119	227,996	504,115	2,130	49·96	73	...	...	6	0·14	44	1·03	4,559	106·49
	24	Lyallpur	503,644	385,351	888,895	3,599	47·68	51	...	...	6	0·08	...	...	2,966	39·29
	25	Jhang	263,916	225,696	489,612	1,931	46·45	119	...	...	...	...	...	...	3,221	77·46
	26	Multán	388,423	327,205	715,628	2,559	42·10	155	...	...	...	...	...	...	6,310	103·86
	27	Muzaffargarh ...	308,350	261,111	569,461	1,622	33·54	116	...	...	1	0·02	...	...	4,073	84·22
	28	Dera Ghází Khan ...	272,409	227,451	499,860	1,244	29·31	77	...	...	...	...	...	...	3,676	86·66
		Total of Division for month.	2,012,861	1,654,710	3,667,571	13,091	42·04	591	...	...	13	0·04	44	0·14	21,805	70·03
		Total of corresponding month of previous year.				15,776	50·65	521	...	...	17	0·05	...	...	9,782	31·40
		Total of month for Province.	10,094,669	8,343,202	18,437,871	73,858	47·16	1,300	...	...	72	0·05	2,195	1·40	71,102	45·40
		Total of corresponding month of previous year.				81,944	52·33	908	...	...	48	0·03	82	0·05	39,494	25·22
		Increase or decrease ...	...	...	...	—8,086	—5·17	+392	...	...	+24	+0·02	+2,113	+1·35	+31,608	+20·18

Precipitation was heavier than usual at Ráwalpindi, Murree and Ambála, average at Khusháb and in defect elsewhere. Humidity was high except at Simla; while

During the month under review there were decreases of 5·17 and 7·21 *per mille* of population recorded in the birth rate as compared with the figures for the in the case of the former and (9·85) in the Ambála Division in the latter.

There was an increase of 22·53 *per mille* of population in the death rate for the month under report as compared with the rate for the corresponding month of the previous dur. This increase was noticed under all the heads of mortality but chiefly under fevers which accounted for an increase of 20·18. In districts individually the excess in the mortality Lahore, and 25·04 in Amritsar. It is satisfactory to note, however, that Ráwalpindi showed a reduction of 8·13 *per mille* in the fever rate, Kangra 4·63, Simla 3·02, and Ambála 2·04

It is to be noted that there was a decrease of 24·12 *per mille* of population in the death rate when compared with the previous month which was general throughout

There was an increase of 22·72 *per mille* of population in the death rate in the most important towns of the Province, as compared with the corresponding month of the 29·09 in Jhang-Maghiana, 23·79 in Amritsar, 17·57 in Multán, 17·97 in Lahore, 15·63 in Batála, and 12·03 in Ludhiána.

Compared with the previous month there was a decrease of 24·73 *per mille* of population recorded in the important towns of the Province under all the heads of mortality Multán, 33·79 in Amritsar, 27·64 in Jhang-Maghiána, and 21·94 in Gujránwála. A slight increase of 1·35 was registered in Batála

SANITARY COMMISSIONER'S OFFICE, LAHORE:

The 5th February 1918.

of 20,000 or upwards) in the Punjab for the month of December 1917.

REGISTERED.

Dysentery and Diarrhœa. Number registered.	Ratio per 1,000 per annum.	Respiratory Diseases. Number registered.	Ratio per 1,000 per annum.	Injuries, including suicide. Number registered.	Ratio per 1,000 per annum.	Other causes. Number registered.	Ratio per 1,000 per annum.	Total of all causes. Number. Males.	Females.	Total.	Ratio per 1,000 per annum.	Total of corresponding month of previous year. Number. Males.	Females.	Total.	Ratio per 1,000 per annum.	No.	Districts, excluding towns.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
46	0·70	129	1·96	10	0·15	409	6·22	1,540	1,485	3,025	46·03	913	864	1,777	27·03	1	Hissar.
61	1·00	163	2·69	15	0·25	593	9·77	1,219	1,117	2,336	38·48	861	763	1,624	26·76	2	Rohtak.
183	3·04	264	4·41	17	0·28	1,083	18·10	2,993	3,011	6,004	100·35	936	811	1,747	29·20	3	Gurgaon.
32	0·50	110	1·72	9	0·14	574	8·98	1,071	994	2,065	32·32	1,021	949	1,970	30·83	4	Karnál.
58	1·12	362	7·01	5	0·10	377	7·30	1,037	889	1,926	37·29	1,014	892	1,906	36·91	5	Ambála.
4	1·34	22	7·39	...	...	19	6·38	33	22	55	18·48	37	19	56	18·82	6	Simla.
383	1·28	1,050	3·45	56	0·18	3,055	10·02	7,893	7,518	15,411	50·57	...	...	...	...		
195	0·64	859	2·82	58	0·19	2,535	8·30	...	...	...	...	4,782	4,298	9,080	29·79		
65	1·00	201	3·09	16	0·25	553	8·49	886	854	1,740	26·72	1,018	1,011	2,029	31·15	7	Kángra.
7	0·09	249	3·19	24	0·31	383	4·91	1,240	1,069	2,309	29·59	1,178	1,030	2,208	28·30	8	Hoshiárpur.
12	0·18	107	1·72	21	0·33	329	5·29	1,103	1,125	2,228	35·81	860	809	1,669	26·83	9	Jullundur.
12	0·30	138	3·43	9	0·23	519	12·89	843	849	1,692	42·02	588	558	1,146	28·46	10	Ludhiána.
81	1·06	190	2·46	18	0·23	784	10·16	1,908	1,781	3,689	47·79	1,158	1,047	2,205	28·57	11	Ferozepore.
178	0·55	885	2·74	88	0·27	2,568	7·96	5,980	5,678	11,658	36·11	...	...	...	...		
136	0·42	981	3·04	63	0·20	2,431	7·53	...	...	...	...	4,802	4,455	9,257	28·68		
44	0·68	128	1·93	12	0·18	677	10·19	2,438	2,264	4,702	70·75	1,113	1,083	2,196	33·04	12	Lahore.
127	2·05	221	3·58	8	0·13	473	7·65	1,964	1,938	3,902	63·12	1,083	1,003	2,086	33·75	13	Amritsar.
143	2·09	1,069	15·61	8	0·12	69	1·01	1,719	1,515	3,234	47·23	1,325	1,112	2,437	35·59	14	Gurdáspur.
73	0·94	381	4·65	15	0·19	589	7·58	2,033	1,766	3,799	48·90	1,686	1,521	3,207	41·28	15	Siálkot.
44	0·58	56	0·74	11	0·14	484	6·37	3,357	2,838	6,195	81·53	2,673	2,307	4,980	65·54	16	Gujránwála.
431	1·23	1,835	5·24	54	0·15	2,292	6·54	11,511	10,321	21,832	62·30	...	...	...	...		
250	0·71	1,432	4·09	67	0·19	2,078	5·93	...	...	...	...	7,880	7,038	14,936	42·53		
51	0·81	187	2·95	15	0·24	411	6·49	1,564	1,427	2,991	47·23	1,215	1,108	2,323	36·68	17	Gujrát.
36	0·62	78	1·33	17	0·29	393	6·73	2,293	2,154	4,447	76·18	907	882	1,789	30·65	18	Shahpur.
17	0·40	86	2·01	6	0·14	220	5·14	1,043	992	2,035	47·30	711	677	1,388	32·42	19	Jhelum.
159	4·06	97	2·48	17	0·43	128	3·27	819	726	1,545	39·46	875	728	1,603	40·94	20	Ráwalpindi.
4	0·09	50	1·14	10	0·23	242	5·53	1,009	1,022	2,031	46·40	797	759	1,556	35·55	21	Attock.
20	0·69	8	0·28	4	0·13	147	5·07	963	882	1,845	63·65	837	850	1,687	58·20	22	Miánwáli.
287	1·04	506	1·83	69	0·25	1,541	5·57	7,691	7,193	14,884	53·84	...	...	...	...		
251	0·91	707	2·56	75	0·27	1,646	5·95	...	...	...	...	5,342	5,004	10,346	37·43		
10	0·23	15	0·35	13	0·30	262	6·12	2,522	2,387	4,909	114·67	663	713	1,376	32·14	23	Montgomery.
59	0·78	104	1·38	17	0·23	470	6·23	1,881	1,741	3,622	47·98	938	864	1,802	23·87	24	Lyallpur.
43	1·03	8	0·19	15	0·36	447	10·75	1,806	1,928	3,734	89·82	730	621	1,351	32·50	25	Jhang.
11	0·20	3	0·05	5	0·08	441	7·26	3,465	3,305	6,770	111·37	1,533	1,456	2,989	49·17	26	Multán.
12	0·25	17	0·35	12	0·25	124	2·56	2,217	2,022	4,239	87·63	1,435	1,394	2,829	58·50	27	Muzaffargarh.
63	1·44	32	0·75	9	0·21	128	3·02	2,093	1,814	3,907	92·03	877	878	1,755	41·35	28	Dera Gházi Khan.
197	0·63	179	0·57	71	0·23	1,872	6·01	14,004	13,177	27,181	87·26	...	...	...	...		
97	0·31	165	0·53	60	0·19	1,981	6·33	...	...	...	...	6,170	5,933	12,103	38·95		
1,476	0·94	4,455	2·84	338	0·22	11,328	7·23	47,079	43,837	90,963	58·09	...	...	...	...		
929	0·59	4,144	2·65	323	0·21	10,671	6·81	28,985	26,706	55,691	35·56	...	...	...	...		
+547	+0·35	+311	+0·19	+15	+0·01	+657	+0·42	+18,094	+17,131	+35,272	+22·53	...	...	...	...		

MARKS.

temperature was sensibly normal almost everywhere.

corresponding month of the previous year and the previous month respectively. The decrease was general throughout the Province but most marked (8·61) in the Multán Division

year. It was shared by all the divisions in the Province and was 48·41 in excess in the Multán Division, 20·78 in Ambála, 19·77 in Lahore, 16·41 in Ráwalpindi but only 7·41 in Jullun-
was as high as 81·33 in Montgomery, 63·17 in Multán, 59·32 in Gurgaon, 55·25 in Jhang, 50·21 in Dera Gházi Khan, 45·99 in Shahpur, 33·44 in Muzaffargarh, 26·64 in

the Province, and was due chiefly to fevers.

previous year. It was recorded under every head of mortality and was most marked under the head of fevers, *i.e.*, 12·58. In towns individually there was an increase of

except small-pox. The decrease was most marked under the head of fevers (13·62). In towns individually the decrease under the head of fevers amounted to [illegible].

W. H. MILLS, SUPDT.,

for *Sanitary Commissioner, Punjab.*

Vital Statistics of the towns (with population of 20,000

District.	No.	Towns.	Population under registration according to census of 1911.			Births registered.			Deaths							
									Cholera.		Small-pox.		Plague.		Fevers.	
			Males.	Females.	Total.	Number registered (excluding still births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Hissar ...	1	Bhiwáni ...	16,249	14,851	31,100	174	66·03	2	...	...	...	...	...	...	39	14·90
Gurgaon ...	2	Rewári ...	12,885	11,895	24,780	106	50·28	...	...	...	...	...	1	0·47	1	0·47
Karnál ... {	3	Karnál ...	11,233	9,785	21,018	128	71·19	1	...	...	...	...	...	...	32	17·90
	4	Pánipat ...	13,554	12,788	26,342	150	67·20	4	...	...	18	8·06	...	...	33	14·74
Ambála ...	5	Ambála ...	13,589	10,904	24,493	94	45·26	3	...	...	...	...	3	1·44	24	11·98
Jullundur ...	6	Jullundur ...	30,539	24,815	55,354	197	41·81	4	...	...	...	...	1	0·21	61	12·96
Ludhiána ...	7	Ludhiána ...	24,765	18,387	43,152	173	47·29	2	...	...	...	...	1	0·27	78	21·31
Ferozepore ...	8	Ferozepore ...	13,930	10,748	24,678	79	37·48	1	...	...	...	...	...	...	38	18·02
Lahore ... {	9	Lahore ...	129,513	80,758	210,271	684	38·31	41	...	...	...	...	132	7·39	675	36·79
	10	Kasúr ...	13,769	11,014	24,783	118	55·98	2	...	...	...	...	1	0·47	32	15·19
Amritsar ...	11	Amritsar ...	87,828	63,511	151,339	555	43·14	59	...	...	...	...	6	0·47	456	35·45
Gurdáspur ...	12	Batála ...	14,180	12,250	26,430	92	41·23	4	...	...	1	0·45	27	12·10	62	27·79
Siálkot ...	13	Siálkot ...	26,651	21,944	48,595	182	44·14	3	...	...	...	...	...	...	56	13·58
Gujránwála ...	14	Gujránwála ...	15,600	13,037	28,637	95	39·29	...	...	...	...	...	1	0·41	42	17·37
Ráwalpindi ...	15	Ráwalpindi ...	28,948	17,694	46,642	151	38·05	14	...	...	...	...	20	5·04	56	14·11
Jhang ...	16	Jhang-Maghiána	13,212	12,702	25,914	115	52·25	7	...	...	...	...	...	...	90	40·90
Multán ...	17	Multán ...	46,987	38,760	85,747	317	43·52	10	...	...	...	...	4	0·55	240	33·94
Total of month ...			513,432	385,843	899,275	3,410	44·64	157	...	...	19	0·25	197	2·58	1,996	26·13
Total of corresponding month of previous year.						3,971	51·99	106	...	...	3	0·04	27	0·35	1,035	13·55
Increase or decrease ...			...	...	...	—561	— 7·35	+ 51	...	...	+ 16	+ 0·21	+ 170	+ 2·23	+ 961	+ 12·58

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 5th February 1918.

or upwards) of the Punjab for the month of December 1917.

REGISTERED.

Dysentery and diarrhœa.		Respiratory diseases.		Injuries, including suicide.		Other causes.		Total all causes.				Total of corresponding month of previous year.					Towns.
								Number.				Number.					
Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	No.	
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	4·17	22	8·35	1	0·38	49	18·60	52	70	122	46·30	71	62	133	50·47	1	Bhiwáni.
15	7·12	26	11·39	...	...	31	14·71	38	36	74	35·10	28	21	49	23·24	2	Rewári.
6	3·34	15	8·34	...	...	20	11·12	37	36	73	40·60	24	32	56	31·15	3	Karnál.
1	0·45	10	4·48	...	...	28	12·54	45	44	89	39·87	37	27	64	28·67	4	Pánipat.
8	3·85	20	9·63	..	...	19	9·15	43	31	74	35·63	41	45	86	41·41	5	Ambála.
10	2·12	46	9·76	2	0·42	16	3·40	78	58	136	28·86	66	44	110	23·34	6	Jullundur.
9	2·46	33	9·02	2	0·55	20	5·47	75	68	143	39·09	46	44	90	24·60	7	Ludhiána.
7	3·32	11	5·22	...	...	18	8·54	33	41	74	35·10	21	12	33	15·65	8	Ferozepore.
49	2·74	237	[illegible]	9	0·50	179	10·02	681	582	1,263	70·73	350	264	614	34·39	9	Lahore.
4	1·90	16	7·59	1	0·47	20	9·49	28	46	74	35·10	38	32	70	33·21	10	Kasúr.
91	7·07	361	28·06	5	0·39	103	8·01	500	522	1,022	79·44	337	204	441	34·28	11	Amritsar.
5	2·24	26	11·65	...	...	7	3·14	68	60	128	57·35	21	31	52	23·30	12	Batála.
10	2·43	20	4·85	...	...	40	9·70	60	66	126	30·56	61	52	113	27·40	13	Siálkot.
3	1·24	13	5·38	...	...	16	6·62	35	40	75	31·03	36	43	79	32·67	14	Gujránwála.
10	2·52	47	11·84	3	0·76	43	10·84	82	97	179	45·11	75	80	155	39·06	15	Ráwalpindi.
11	5·00	2	0·91	...	...	45	20·45	61	87	148	67·24	41	31	72	32·71	16	Jhang-Maghiána.
45	6·18	38	5·22	...	...	113	15·51	223	217	440	60·40	132	156	288	39·53	17	Multán.
295	3·86	943	12·35	23	0·30	767	10·04	2,139	2,101	4,240	55·51	...	...	...	...		
141	1·85	579	7·58	17	0·22	703	9·20	1,325	1,180	2,505	32·79	...	...	...	...		
+ 154	+ 2·01	+364	+ 4·77	+ 6	+ 0·08	+ 64	+ 0·84	+814	+ 921	+ 1,735	+ 22·72	...	...	...	...		

W. H. MILLS, Supdt.,

for Sanitary Commissioner, Punjab.

2295 PGG

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 26th January 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	6	7	13	5	2	3	...	...	...	2	1	1	...	1	...	1	1	40	15	1
2		Hánsi ...	14,576	8	7	15	20	9	11	...	...	...	6	2	7	...	5	2	1	3	54	71	2
3		Bhiwáni ...	31,100	14	12	26	30	17	13	...	...	...	6	2	4	...	18	4	1	5	44	50	3
4		Sirsa ...	14,629	5	3	8	8	5	3	..	...	...	1	3	2	...	2	3	...	3	29	39	4
5	Rohtak ...	Rohtak ...	19,862	13	13	26	18	6	12	...	6	...	6	...	1	...	5	1	6	7	69	48	5
6		Jhajjar ...	10,617	5	6	11	8	2	6	...	...	...	2	...	2	...	4	1	...	1	54	39	6
7		Sonepat ...	12,014	7	4	11	4	4	...	...	...	...	...	...	2	...	2	4	...	4	48	17	7
8	Gurgaon ...	Rewári ...	24,780	5	11	16	14	8	6	...	...	...	...	3	4	...	7	2	1	3	34	29	8
9	Karnál ...	Karnál ...	21,018	6	10	16	14	5	9	...	...	...	5	1	4	...	4	1	2	3	39	34	9
10		Kaithal ...	12,912	6	5	11	9	...	9	...	...	...	2	...	2	...	5	...	5	5	45	37	10
11		Pánipat ...	26,342	15	13	28	25	14	11	...	13	...	4	...	3	...	5	4	4	8	56	50	11
12		Shahabad ...	11,054	7	7	14	1	1	...	...	1	...	...	...	...	...	...	...	...	..	67	5	12
13	Ambála ...	Ambála ...	24,493	9	9	15	16	8	8		...	4	4	...	4	...	4	2	2	4	38	34	13
14		Jagádhri ...	12,045	3	2	5	18	10	8	...	...	2	5	2	6	...	3	...	2	2	22	78	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	4	4	8	6	4	2	...	...	...	2	...	...		4	1	...	1	24	18	15
16	Jullundur ...	Jullundur ...	55,354	24	24	48	20	10	10	...	...	1	4	4	8	1	2	2	1	3	45	19	16
17	Ludhiána ...	Ludhiána ...	43,152	17	9	26	33	21	12	...	...	12	7	3	5	...	6	3	2	5	31	40	17
18		Jagráon ...	15,039	5	8	13	15	8	7	...	...	...	4	...	5	...	6	1	6	7	45	52	18
19	Ferozepore ...	Ferozepore ...	24,678	12	7	19	11	7	4	...	...	...	4	...	5	...	2	2	...	2	40	23	19
20		Fázilka ...	10,985	4	2	6	8	2	6	...	...	...	2	...	3	...	3	...	3	3	29	38	20
21	Lahore ...	Lahore ...	210,271	71	80	151	221	125	96	...	...	25	118	9	44	3	22	9	11	20	37	55	21
22		Kasúr ...	24,783	8	10	18	13	8	5	...	..	...	7	2	...	...	4	2	2	4	38	27	22
23	Amritsar ...	Amritsar ...	151,339	72	70	142	124	62	62	...	...	4	53	5	46	...	16	5	12	17	49	3	23
24	Gurdáspur ...	Batála ...	26,430	12	18	30	32	13	19	...	...	20	5	...	4	1	2	1	1	2	60	63	24
25	Siálkot ...	Siálkot ...	48,595	23	20	43	19	8	11	...	...	...	7	...	9	...	3	1	6	7	46	20	25
26	Gujránwála	Gujránwála ...	28,637	7	10	17	18	9	9	...	...	...	12	...	5	...	1	1	...	1	31	33	26
27		Wazírabad ...	17,146	4	7	11	10	6	4	...	...	...	6	...	3	...	1	2	1	3	33	30	27
28	Gujrát ...	Gujrát ...	18,692	7	9	16	13	6	7	...	...	...	7	...	4	...	2	2	2	4	45	36	28
29		Jalálpur ...	11,615	5	3	8	5	5	...	...	...	...	2	...	1	..	2	3	...	3	36	22	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	8	7	15	10	5	5	...	...	...	7	...	1	...	2	...	2	2	51	34	30
31		Khushάb ...	10,159	7	...	7	11	7	4	...	...	...	3	2	4	...	2	...	2	2	36	55	31
32	Jhelum ...	Jhelum ...	12,298	6	4	10	11	8	3	...	...	1	3	...	6	...	1	1	2	3	42	46	33
33		Pind Dádan Khan	10,590	5	4	9	17	10	7	...	...	...	4	4	6	...	3	2	...	2	44	84	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	19	20	39	42	21	21	...	...	1	8	1	19	1	12	3	6	9	44	47	34
35	Lyallpur ...	Lyallpur ...	19,578	10	8	18	5	4	1	...	...	...	2	...	2	...	1	1	...	1	48	13	35
36	Jhang ...	Jhang-Maghiána	25,914	12	14	26	19	9	10	...	...	...	5	2	...	...	12	2	7	9	52	38	36
37		Chiniot ...	14,085	13	8	21	8	2	6	...	...	...	...	1	...	...	7	2	3	5	77	29	37
38	Multán ...	Multán ...	85,747	39	40	79	58	32	26	...	...	5	26	2	5	...	20	9	7	16	48	35	38
	Grand Total ...		1,119,049	503	495	998	919	483	436	...	20	75	341	49	227	6	201	79	101	180	43	40	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	3	2	5	10	7	3	...	...	...	6	...	3	...	1	2	...	2	14	27	
	Dharmsála	... ...	2,518	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	20	
	Dalhousie ...	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 26th January 1918 there were 998 births registered in the 38 large municipal towns (503 males and 495 females), giving a birth rate of 43 *per mille* of population, and 919 deaths were registered (483 males and 436 females), giving a death rate of 40 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 55 against 29 in the corresponding week of the previous year, Amritsar 43 against 27 and Multán 35 against 27.

There were 13 deaths registered from small-pox in Pánipat, 6 in Rohtak, and 1 in Shahabad. Of the 75 deaths from plague, 25 were reported in Lahore, 20 in Batála, 12 in Ludhiána, 5 in Multán, 4 each in Ambála and Amritsar, 2 in Jagádhri, and 1 each in Jullundur, Jhelum and Ráwalpindi.

Sanitary Commissioner's Office,
Lahore :
The 5th February 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

2295 PGG—630—8-2-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 7.] LAHORE, FRIDAY, FEBRUARY 15, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 12th February 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. Inundation canals dry. 3. Good.	Wheat, 8½ ... Bajra, 11. Gram, 12. Bejhar, 13¼. Prices between normal and warning rates.	...	Condition of standing wheat and other spring crops is good.
2	Rohtak ...	...	1. Adequate ... 2. (a) Do. (b) Sufficient. 3. Generally good.	Wheat, 8¼ ... Gram, 11¾. Barley, 12. Jowar, 15½. Bajra, 10. Prices between normal and warning rates.	Condition and yield of irrigated sugarcane good. Yield on unirrigated area normal.	Condition and prospects of standing wheat and other crops generally good. Gram slightly damaged be strong winds in places.

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No.	Reporting station.	Rain	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
3	Gurgaon ...	...	1. Scarce ... 2. (b) Sufficient. 3. Good.	Wheat, 7½ to 10 ... Barley, 11½ to 13½. Gram, 11¼ to 12½. Jowar, 10 to 12. Bajra, 9 to 15. Maize, 11½ to 12. Prices between normal and warning rates.	...	Rain wanted. Condition and expected yield of standing wheat and other crops are good.
4	Ambála ...	...	1. Scarce ... 2. (a) Sufficient. (b) Adequate. 3. Good.	Wheat, 7¾ ... Gram, 10¼. Barley, 11¾. Maize, 12¼. Bajra, 10¾. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Condition of standing irrigated crops, specially wheat and oilseeds, is fair, but unirrigated crops are suffering for want of rain. Rain badly wanted.
5	Jullundur ...	...	1. Insufficient ... 2. (a) Adequate. 3. Generally good.	Wheat, 8¼ .. Barley, 12¼ Gram, 9¾. Maize, 11¾. Jowar, 10. Bajra, 10. Prices between normal and scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing irrigated wheat and other crops average and unirrigated below average. Rain badly wanted.
6	Ferozepore ...	...	1. Sufficient except in Bet tract. 2. (a) Sufficient. 3. Good.	Wheat, 8¼ ... Gram, 10½. Prices between normal and scarcity rates.	...	Condition of standing wheat and other crops average on irrigated area and below average on unirrigated area, where crops have begun to wither from cold. Rain badly wanted.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10¾. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield normal.	Standing crops good.
8	Amritsar ...	...	1. Insufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Average.	Wheat, 8¼ ... Barley, 11. Gram, 10¼. Jowar, 13. Maize, 11½. Bajra, 9¾. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield normal.	Condition of standing wheat and other crops is average on irrigated area and below average on unirrigated area. Rain badly wanted.
9	Siálkot ...	...	1. Scarce ... 2. (b) Canal closed. 3. Cattle weak owing to cold and scarcity of fodder.	Wheat, 7½ to 8½ ... Barley, 12 to 12½. Maize, 10. Gram, 8½ to 9. Prices between warning and scarcity rates.	Condition and yield of sugarcane average.	Condition of standing crops good, but rain is badly wanted. Extra spring crops being sown in Siálkot Tahsil.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Autumn.	Prospects of — Spring.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Generally good.	Wheat, 8½ to 9 ... Gram, 10 to 11. Bajra, 11 to 12. Maize, 10 to 12. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues in Bhera and Sargodha Tahsils. Yield below normal.	Condition of standing wheat and other crops is average except on unirrigated area in Khusháb Tahsil, where they are suffering for want of rain, which is badly wanted. Toria being harvested in Bhera and Sargodha tahsils. Yield below normal.
11	Ráwalpindi ...	...	1. Sufficient ... 3. Good.	Wheat, 7½ ... Barley, 13. Gram, 9¼. Bajra, 11¾. Maize, 11. Jowar, 10¾. Prices generally between normal and scarcity rates.	...	Rain wanted. Standing crops good.
12	Miánwáli ...	...	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat 8 ... Barley 13. Gram 11 ... Jowar 11. Bajra 12½. Prices between normal and warning rates.	...	Condition of standing wheat and other crops average on irrigated area and below average on unirrigated area. Rain badly wanted.
13	Lyallpur ...	...	1. Sufficient ... 2. (b) Canals flowing by rotations; supply normal. 3. Generally good.	Wheat, 8⅓ ... Gram, 10. Maize 9¼. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Condition of standing wheat and other crops generally good, but crops have been slightly damaged by frost. Rain badly wanted. Toria being harvested. Yield normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing by turns. Inundation Canals dry. 3. Fair.	Wheat, 8⅓ ... Gram, 9⅜. Maize 8¼. Bajra, 9¾. Jowar 7. Prices between warning and scarcity rates or at above scarcity rates.	...	Condition of standing crops good. Extra spring crops being sown.

GENERAL REMARKS.

WEATHER dry. Rain is badly wanted everywhere for standing spring crops. Pressing of sugarcane continues in some districts. Yield normal to good. Condition of standing wheat and other crops is average to good, but unirrigated crops in some districts are suffering from cold and drought and are below average. Toria is being harvested in parts of the west. Yield normal. Stocks of food-grains generally sufficient. Cattle are healthy but fodder is scarce in some districts. Prices are stationary and range generally between warning and scarcity rates, except in some south-eastern districts where they are between normal and warning rates. Prices of wheat:— Ráwalpindi 7½, Ambála 7¾, Lahore 8, Ferozepore and Lyallpur 8⅓ seers per rupee.

MAHBUB SHAH, SUPDT.,

for *Director of Land Records, Punjab*

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	2			3			4			5		
	Wheat.			Barley.			Rice (best sort).			Rice (common).		
Districts.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	8 8	8 8	8 8	13 8	13 8	12 12	...	...	...	7 0	7 0	7 0
Rohtak	8 4	8 12	9 0	11 12	12 0	13 0	...	...	...	6 8	6 8	6 8
Gurgaon	8 8	8 4	8 4	12 0	11 8	13 8	...	...	...	8 0	8 0	7 8
Karnál	9 0	9 0	8 8	14 0	14 0	§	...	...	...	7 0	7 0	7 0
Ambála	8 0	8 0	8 6	11 12	11 12	12 0	...	...	...	7 12	7 12	8 4
Simla	6 7	6 8	7 4	8 0	8 0	10 12	...	...	...	5 0	5 4	6 12
JULLUNDUR.												
Kángra	6 8	6 12	10 0	10 0	10 0	13 8	...	...	...	8 0	8 8	9 0
Hoshiárpur	8 0	8 0	9 4	10 8	10 8	12 8	...	...	...	7 0	7 0	6 6
Jullundur	8 8	8 4	9 4	12 2	11 12	12 8	...	...	...	6 8	6 8	7 0
Ludhiána	8 0	8 0	8 12	9 8	9 8	13 0	...	...	...	6 0	6 0	6 0
Ferozepore	8 0	7 8	9 4	11 0	10 8	12 8	...	...	...	6 8	6 8	7 8
LAHORE.												
Lahore	8 0	7 12	8 8	11 8	11 8	12 12	...	...	...	7 12	7 12	8 8
Amritsar	8 8	8 10	9 4	9 12	9 12	13 4	...	...	...	7 4	7 4	7 8
Gurdáspur	8 8	9 0	10 0	10 8	11 0	13 0	...	...	...	6 12	7 0	8 0
Siálkot	8 0	8 0	9 8	12 0	11 0	12 0	...	...	...	7 8	7 8	8 4
Gujránwála	8 10	8 8	9 14	14 8	13 8	13 8	...	...	...	8 0	8 0	9 4
RAWALPINDI.												
Gujrát	8 4	8 8	9 8	13 0	13 0	13 8	...	...	...	8 0	8 0	8 0
Shahpur	9 0	8 9	10 0	11 0	14 0	12 8	...	...	...	6 8	6 0	6 12
Jhelum	7 8	8 0	9 0	12 8	12 8	13 0	...	...	...	7 0	7 8	7 8
Ráwalpindi	7 8	7 8	8 10	13 0	13 0	13 8	...	...	...	8 0	8 0	7 4
Attock	8 4	8 4	9 0	12 0	12 0	13 8	...	...	...	7 0	7 0	7 0
Miánwáli	8 4	8 6	8 6	12 0	12 0	13 0	...	...	...	6 0	6 0	6 0
MULTAN.												
Montgomery	7 14	7 14	8 12	11 0	10	11 0	...	...	...	5 12	6 0	6 0
Lyallpur	8 0	8 0	9 4	12 0	12 0	13 0	...	...	...	6 8	6 8	7 0
Jhang	8 8	8 4	8 12	12 12	12 12	13 8	...	...	...	7 0	7 0	7 0
Multán	7 14	8 2	9 4	11 0	11 0	11 12	...	...	...	7 4	7 12	8 8
Muzaffargarh	(b)	8 2	9 2	(b)	11 0	12 0	(b)	...	...	(b)	7 0	6 0
Dera Ghási Khan ...	7 8	7 8	9 0	10 8	10 0	13 12	...	...	...	7 0	7 0	7 8

†Not produced. (b) Statement not

‡ Not sold.

NOTE.—The prices of rice as shown in the statement are

N.B.—Variations in prices are due to fluctuations

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 31ST JANUARY 1918.

THE ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			
Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
‡	‡	16 0	10 8	10 8	15 8	†	†	‡	†	†	‡	Hissar.
14 0	14 0	17 8	10 8	10 8	17 0	†	†	†	†	†	†	Rohtak.
11 8	11 0	16 0	11 8	11 0	14 8	†	†	†	†	†	§	Gurgaon.
14 0	13 9	15 0	10 4	10 8	13 0	‡	‡	†	§	§	†	Karnál.
14 0	14 0	15 8	9 12	9 12	12 4	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
8 8	9 0	10 0	9 8	10 0	10 0	‡	‡	†	‡	‡	†	Simla.
												JULLUNDUR.
‡	‡	†	‡	‡	†	‡	‡	†	‡	‡	†	Kángra.
9 0	9 0	13 0	10 0	10 0	10 0	†	†	†	‡	‡	†	Hoshiárpur.
10 0	11 0	13 8	10 0	10 0	12 0	†	†	†	8 0	8 0	9 0	Jullundur.
9 8	9 8	15 0	9 8	9 8	11 8	†	†	†	6 0	6 0	7 8	Ludhiána.
‡	‡	12 12	†	†	12 8	‡	‡	†	‡	‡	†	Ferozepore.
												LAHORE.
10 0	10 0	15 0	9 0	9 0	13 0	§	§	†	8 12	8 12	13 8	Lahore.
13 0	13 12	18 4	8 12	8 4	13 8	§	§	†	11 0	§	13 12	Amritsar.
9 8	9 0	14 0	8 8	§	†	§	§	†	8 0	8 0	8 0	Gurdáspur.
§	§	§	§	§	15 0	§	§	†	§	§	†	Siálkot.
§	§	13 0	§	§	13 8	§	§	†	§	§	†	Gujránwála.
												RAWALPINDI.
§	§	§	10 0	10 0	13 8	†	†	†	§	§	§	Gujrát.
11 0	11 0	10 0	11 12	11 8	13 0	§	§	§	§	§	§	Shahpur.
§	§	13 0	10 0	10 8	12 0	†	†	†	†	†	†	Jhelum.
10 12	11 12	14 0	11 12	11 12	12 0	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	12 0	12 0	12 0	‡	‡	†	‡	‡	†	Attock.
10 0	11 0	12 8	12 0	12 0	13 0	†	†	†	‡	‡	†	Miánwáli.
												MULTAN.
§	§	12 0	§	§	10 8	§	§	†	†	†	†	Montgomery.
§	9 8	†	‡	‡	13 0	‡	‡	†	‡	‡	†	Lyallpur.
9 4	10 0	10 0	11 0	11 0	11 4	14 8	14 8	14 0	11 8	11 0	11 8	Jhang.
7 0	8 4	13 12	9 12	9 12	12 8	‡	‡	†	13 0	13 4	13 0	Multán.
(b)	§	§	(b)	§	§	(b)	§	§	(b)	§	§	Muzaffargarh.
8 12	9 0	13 12	8 10	9 1	15 0	‡	‡	†	‡	‡	†	Dera Ghási Khan.

received.

§Not procurable.

for the quality in common demand.

in imports and exports.

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STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	10			11			12			13		
Districts.	*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*			*Maize (Zea Mays).*			*Arhar or Thur Cadjan Pea (Cajanus indicus).*			*Firewood.*		
	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	11 8	11 0	13 0	‡	‡	†	†	†	†	55 0	55 0	70 0
Rohtak	11 4	11 0	13 8	‡	‡	§	8 0	8 0	8 0	60 0	60 0	60 0
Gurgaon	11 8	11 0	13 0	11 8	11 8	13 0	8 8	8 8	8 0	60 0	60 0	60 0
Karnál	11 8	12 0	13 0	12 8	13 0	15 0	8 0	8 0	8 0	90 0	90 0	110 0
Ambála	10 0	10 0	12 0	12 0	12 0	15 8	7 12	7 12	8 0	77 0	77 0	85 0
Simla	8 8	8 8	9 4	9 8	10 0	12 8	5 0	5 4	5 4	46 0	46 0	64 0
JULLUNDUR.												
Kángra	6 0	§	8 8	10 0	10 0	13 0	4 8	5 0	5 0	80 0	80 0	80 0
Hoshiárpur	8 12	8 12	10 12	11 0	11 4	15 4	‡	‡	†	60 0	60 0	70 0
Jullundur	9 4	9 0	11 4	11 0	11 0	15 4	§	§	†	40 0	40 0	60 0
Ludhiána	9 8	9 8	12 0	11 8	11 0	17 0	8 8	8 8	6 8	50 0	50 0	65 0
Ferozepore	10 8	10 0	12 4	10 8	10 8	13 8	5 0	5 0	5 8	45 0	40 0	60 0
LAHORE.												
Lahore	10 8	10 0	11 4	8 8	8 8	12 12	7 4	7 4	7 0	30 0	30 0	45 0
Amritsar	10 4	10 2	11 0	10 4	10 0	13 12	7 4	7 8	7 4	40 0	40 0	50 0
Gurdáspur	8 8	8 0	10 8	11 0	11 0	15 0	§	§	†	60 0	60 0	60 0
Siálkot	8 8	8 8	9 8	10 0	10 0	13 0	§	§	†	50 0	50 0	70 0
Gujránwála	10 0	10 0	11 4	‡	10 0	11 8	‡	†	†	48 0	42 0	55 0
RAWALPINDI.												
Gujrát	9 0	8 12	9 12	9 0	10 0	13 0	†	†	‡	45 0	50 0	70 0
Shahpur	10 12	10 12	11 0	10 8	10 8	14 0	7 0	7 0	7 0	43 0	41 0	60 0
Jhelum	9 4	8 12	10 0	9 8	9 0	11 0	7 0	7 0	6 0	45 0	42 0	50 0
Ráwalpindi	9 8	9 12	9 0	11 0	11 0	12 0	8 0	8 0	5 8	40 0	35 0	43 0
Attock	9 8	9 12	10 0	12 8	12 0	12 0	5 4	5 4	5 4	45 0	45 0	61 0
Miánwáli	11 0	11 0	11 0	‡	‡	§	‡	‡	†	45 0	45 0	55 0
MULTAN.												
Montgomery	9 2	9 2	11 2	§	§	16 0	§	§	8 0	90 0	90 0	125 0
Lyallpur	9 0	8 1	11 0	9 8	9 8	14 8	6 0	6 0	7 0	37 0	45 0	50 0
Jhang	9 0	9 0	11 0	10 0	10 8	13 0	‡	‡	†	32 0	32 0	60 0
Multán	8 0	9 10	11 4	8 4	§	14 4	‡	‡	6 8	50 0	50 0	75 0
Muzaffargarh	(b)	10 2	11 2	(b)	‡	§	(b)	§	§	(b)	95 0	110 0
Dera Ghási Khan	9 4	9 2	11 0	‡	‡	†	‡	‡	†	75 0	75 0	90 0

(b) Statement not received.

* No wholesale salt sold. † Not produced. ‡ Not sold.

N.B.—Variations in prices are due to fluctuations in

NOTE.—The price of Bathu and Masur at Simla during the fort-

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB :
Lahore, dated the 11th February 1918.

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 31ST JANUARY 1918—CONCLUDED.

THE ORDINARY SEER OF 80 TOLAS.

14						15			16			17
Salt.						*Gur.*			*Cotton (unginned).*			Districts.
Present fortnight ending 31st January 1918.		Past fortnight ending 15th January 1918.		Corresponding fortnight of 31st January 1917.		Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.							
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												Ambala.
7 8	7 0	7 8	7 0	16 0	15 0	8 0	8 0	6 8	3 0	3 0	4 0	Hissar.
11 0	10 0	8 8	8 0	17 0	16 0	9 0	8 8	8 0	3 0	3 0	5 0	Rohtak.
8 8	8 0	8 8	8 0	17 0	17 0	8 0	8 0	7 8	3 8	3 8	4 0	Gurgaon.
9 12	9 0	9 4	8 8	14 6	13 0	9 0	9 0	8 0	2 12	2 10	4 0	Karnál.
10 5	10 0	10 5	10 0	14 14	14 0	6 8	6 8	6 4	2 12	2 12	4 4	Ambála.
8 12	8 0	8 12	8 0	11 0	9 8	5 0	4 10	5 0	§	§	†	Simla.
												Jullundur.
*	6 0	*	6 0	*	6 8	4 0	4 0	5 0	‡	‡	†	Kángra.
10 0	9 0	9 0	8 8	13 0	12 0	5 8	5 8	5 8	‡	‡	4 8	Hoshiárpur.
11 4	10 12	9 8	8 12	15 0	13 0	5 0	5 0	6 0	2 12	2 12	5 0	Jullundur.
11 0	10 8	11 0	10 8	14 8	14 0	6 8	6 8	6 8	2 8	2 8	3 8	Ludhiána.
9 0	8 0	8 0	7 0	11 8	10 8	6 0	5 8	5 8	2 14	2 14	5 0	Ferozepore.
												Lahore.
10 8	10 0	10 0	9 8	17 0	16 0	6 8	6 8	6 0	2 12	2 12	3 12	Lahore.
11 14	10 0	10 0	9 8	16 0	14 10	7 12	8 0	7 12	2 8	2 12	4 0	Amritsar.
*	9 0	*	8 0	12 0	11 0	8 0	8 0	8 0	4 0	4 0	5 0	Gurdáspur.
13 0	12 8	10 0	9 8	13 0	12 8	7 8	7 8	7 0	3 0	3 0	5 0	Siálkot.
9 8	9 4	9 4	9 0	13 0	12 12	7 4	6 8	7 12	3 0	3 0	4 12	Gujránwála.
												Rawalpindi.
10 8	9 8	10 0	9 0	12 0	11 0	6 8	6 0	6 8	‡	‡	4 0	Gujrát.
11 0	10 0	10 0	9 0	14 8	13 0	7 8	6 8	7 0	2 8	2 8	5 0	Shahpur.
11 0	10 8	11 0	10 0	13 8	13 0	6 0	5 8	6 0	‡	‡	†	Jhelum.
13 4	12 4	11 8	11 0	12 0	11 8	7 8	8 0	6 8	§	§	†	Ráwalpindi.
21 0	20 0	14 0	13 8	*	12 0	8 0	8 0	7 0	4 0	4 0	5 0	Attock.
12 0	12 0	10 0	10 0	14 0	14 0	5 8	5 8	5 4	‡	‡	†	Miánwálí.
												Multan.
8 0	7 0	8 0	7 0	11 0	10 0	7 0	6 0	7 0	3 0	3 0	5 0	Montgomery.
10 0	9 4	9 14	9 4	11 12	11 4	8 0	7 0	8 0	§	2 4	4 4	Lyallpur.
8 14	8 0	8 14	8 0	10 0	9 8	6 8	6 12	6 8	2 2	1 15	4 0	Jhang.
9 8	9 0	8 4	8 0	13 4	12 12	6 4	6 4	6 12	2 3	2 3	3 12	Multán.
(b)	(b)	8 8	8 0	10 0	10 0	(b)	6 4	6 0	(b)	3 0	6 0	Muzaffargarh.
10 0	9 8	10 0	9 8	11 12	11 4	7 0	6 10	5 0	3 0	3 2	5 10	Dera Ghází Khan.

§ Not procurable.

imports and exports.

night ending 31st January 1918 was 6 seers 8 chataks and 5 seers, respectively.

B. D. SINGH, Head Asstt. of Statistics,
Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 54 seers as compared with 55 seers in last fortnight and 68 seers in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers.	Seers.	Seers.
Karnál	...	110	90	90
Jullundur	...	60	40	40
Siálkot	...	70	50	50
Shahpur	...	60	41	42
Montgomery	...	125	90	90

Lahori Salt.—Prices average 9 seers 15 chataks as compared with 8 seers 14 chataks in last fortnight and 12 seers 8 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Gurgaon	...	17 0	8 0	8 0
Ludhiána	...	14 0	10 8	10 8
Lahore	...	16 0	9 8	10 0
Attock	...	12 0	13 8	20 0
Multán	...	12 12	8 0	9 0

Gur.—Prices average 6 seers 14 chataks as compared with 6 seers 11 chataks in last fortnight and 6 seers 10 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Hissar	...	6 8	8 0	8 0
Jullundur	...	6 0	5 0	5 0
Lahore	...	6 0	6 8	6 8
Ráwalpindi	...	6 8	8 0	7 8
D. G. Khan	...	5 0	6 10	7 0

Cotton, unginned.—Prices average 2 seers 14 chataks as compared with 2 seers 14 chataks in last fortnight and 4 seers 9 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Rohtak	...	5 0	3 0	3 0
Jullundur	...	5 0	2 12	2 12
Siálkot	...	5 0	3 0	3 0
Shahpur	...	5 0	2 8	2 8
D. G. Khan	...	5 10	3 2	3 0

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31st JANUARY 1918.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Wholesale price per maund of 82⅐ lbs. or 40 seers of 80 tolas each.															
Name of district.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 0 0	5 0 0	4 15 0	3 5 0	...	2 12 0	4 0 0	3 4 0	3 15 0	5 0 0	5 12 0	5 4 0	5 12 0	7 0 0	6 0 0	43 0 0
Ferozepore ...	2 13 9	5 11 6	4 11 3	3 7 9	...	...	...	3 10 3	3 10 3	7 4 6	6 10 9	...	6 2 6	6 10 9	6 2 6	40 0 0
Lahore ...	2 13 9	5 0 0	4 13 6	3 5 3	3 9 9	3 13 0	4 3 3	4 7 0	3 11 6	5 5 3	5 11 6	4 13 6	6 2 6	8 6 9	5 14 9	35 8 9
Amritsar ...	3 4 0	5 5 0	4 8 0	4 0 0	...	...	...	3 13 0	3 13 0	...	6 0 0	5 4 0	7 8 0	7 12 0	5 0 0	38 0 0
Ráwalpindi ...	...	4 14 0	5 2 6	3 0 0	...	3 10 3	3 5 3	3 8 11	4 1 9	...	5 0 0	4 7 0	...	...	5 0 0	...
Lyallpur ...	...	6 2 0	4 14 0	3 4 0	...	...	...	4 4 0	4 6 0	...	...	...	7 0 0	9 0 0	4 12 0	54 0 0
Multán ...	3 0 0	5 4 0	4 14 6	3 7 6	...	5 8 0	4 0 0	4 10 0	4 7 0	...	6 0 0	4 1[illegible] 0	7 0 0	6 0 0	6 0 0	49 0 0

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	Wholesale price per maund of 82⅐ lbs. or 40 seers of 80 tolas each.															
Name of district.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow).	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	4 0 0	65 0 0	5 7 0	13 0 0	16 0 0	3 14 0	50 0 0	1 9 0	...	1 0 0	1 0 0	...	(a)4 8 0	150 0 0	100 0 0	
Ferozepore ...	4 5 3	60 15 3	5 5 3	16 0 0	16 0 0	4 7 0	...	2 3 6	...	0 14 3	0 14 3	...	(a)4 4 0	225 0 0	143 0 0	
Lahore ...	4 0 0	67 6 0	5 14 9	13 5 3	21 5 3	3 13 0	38 0 0	2 13 9	1 0 0	1 5 3	...	1 4 0	(a)5 12 0	170 0 0*	160 0 0	
Amritsar ...	4 1 0	65 8 0	5 5 0	10 0 0	18 0 0	3 6 0	40 0 0	2 0 0	...	1 5 0	1 0 0	1 2 0	(b)4 10 0	...	140 0 0	
Ráwalpindi ...	...	60 15 3	5 11 5	...	...	3 0 0	39 0 0	...	...	2 0 0	...	...	(c)4 4 0	120 0 0	100 0 0	
Lyallpur ...	3 6 0	57 8 0	5 8 0	18 0 0	20 0 0	4 0 0	36 0 0	...	...	1 0 0	...	1 8 0	(d)4 12 0	210 0 0	120 0 0	
Multán ...	3 7 0	55 0 0	5 8 0	12 0 0	22 8 0	4 3 6	40 0 0	2 9 0	1 2 0	1 2 3	...	...	(a)5 14 0	...	105 0 0	

Quotations have not been shown in cases in which there have been no wholesale transactions.

NOTE.—Prices of rice as shown in the statement are for the quality in common demand.

N.B.—Variations in prices are due to fluctuations in imports and exports.

In the statement for the fortnight ending 15th June 1917 under "Wheat," against Rawalpindi, *substitute* "Rs. 4-3-5" *for* "Rs. 4-5-0."

In the statement for the fortnight ending 31st December 1917 under "Maize" against Ferozepore, *substitute* "Rs. 3-10-3" *for* "Rs. 2-10-3."

(a) Elephant Brand. (b) Monkey Brand. (c) Victoria Brand. (d) Deer Brand.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB;
Lahore, dated the 9th February 1918.

MAHBUB SHAH, SUPDT.,
Office of Director of Land Records, Punjab.

SUPPLEMENTARY STATEMENT OF PRICES CURRENT OF FOOD GRAINS, ETC., IN THE DISTRICTS OF THE PUNJAB FOR THE

1	2	3	4					5					6				
			QUANTITIES PER RUPEE BY THE														
			Wheat.					Barley.					Rice (common).				
Division.	No.	District.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.
			Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
LAHORE.	14	Gurdáspur	10 8	9 8	9 0	9 0	9 0	12 0	12 0	10 8	10 0	11 0	8 0	8 0	8 0	8 0	8 0
RAWALPINDI.	21	Attock	9 8	9 4	9 0	8 8	8 0	14 0	14 0	13 8	13 0	12 0	7 0	7 0	7 0	7 0	7 0
MULTAN.	27	Muzaffargarh ...	10 0	9 12	9 8	8 4	8 0	12 8	12 8	12 8	12 0	11 0	8 8	8 8	9 0	8 0	7 0

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Dated Lahore, the 11th February 1918.

WEEKS ENDING 22ND OCTOBER, 7TH NOVEMBER, 22ND NOVEMBER, 7TH DECEMBER AND 22ND DECEMBER 1917.

ORDINARY SEER OF 80 TOLAS.

7					8					9					10				
Jowar or Cholum (Andropogon sorghum).					*Bajra or Cumbu (Pennisetum typhoideum).*					*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*					*Maize (Zea Mays).*				
Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.	Week ending 22nd October 1917.	Week ending 7th November 1917.	Week ending 22nd November 1917.	Week ending 7th December 1917.	Week ending 22nd December 1917.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
10 0	10 8	8 8	9 0	9 0	§	§	§	§	§	11 0	10 0	9 8	8 8	8 8	13 0	12 8	11 8	11 0	11 0
‡	‡	‡	‡	‡	13 0	12 8	12 8	12 0	11 8	12 0	13 0	11 12	11 8	10 8	12 8	11 12	12 0	11 8	11 8
§	§	§	§	§	§	§	§	§	§	11 4	11 4	11 4	10 0	10 0	§	§	§	§	§

‡ Not sold. § Not procurable.

B. D. SINGH, HEAD ASSTT. OF STATISTICS,

Office of Director of Land Records, Punjab.

NORTH-WES

List of Government Promissory Notes, &c., in the custody of the Chief Examiner of Accounts, North-Western

Register folio.	Name of person, fund or trust in whose behalf the investment is held.	LODGED WITH THE CONTROLLER OF			
		3½ per cent. loan of 1842-43.	3½ per cent. loan of 1854-55.	3½ per cent. loan of 1865.	3½ per cent. loan of 1900-01.
		Rs.	Rs.	Rs.	Rs.
61	Railway Hill School, Mussoorie	...	...	...	...
61	S. P. and D. Railway Clergy Fund	...	...	6,000	...
76	Do. Widow, Orphan and Mutual Guarantee Fund	...	...	8,800	800
61	Messrs. Dhonjeebhoy and Sons, Out Agents, Rawalpindi ...	...	...	5,000	...
62	Mr. D. A. Braganza, Refreshment Room-keeper, Lahore ...	...	...	500	...
62	Mr. J. N. Brice, Contractor, Karachi	4,000	...	2,000	...
62	Bhai Ishar Singh & Brothers, Out Agents, Abbottabad ...	...	...	...	...
62	Lala Sham Dass, Cashier, Nushki Extension Railway ...	...	...	...	...
63	B. Chandi Ram-Kewal Ram, Cashier, Khost Colliery ...	...	...	500	...
63	Mr. Nadirshaw Cursetjee, Out Agent, Pathankote	...	1,000	2,000	...
63	The Managing Director, Jagadhri Light Railway, Jagadhri ...	...	...	...	...
64	Mr. J. O'Neill, Contractor, Lahore	...	...	1,000	...
64	Lala Ram Nath, Contractor, Peshawar	...	...	2,000	...
64	B. Abdul Hamid, Store Munshi, Rawalpindi	...	...	500	...
66	S. Kishen Singh, Mono Rail Contractor, Sirhind	...	1,000	...	...
69	B. Karm Chand, Cashier, Sialkot-Narowal Railway ...	...	...	...	...
69	B. Pars Ram, Sub-Storekeeper, Nushki Extension Railway ...	...	...	...	...
71	B. Amir Chand, Stores Munshi, Rawalpindi	...	...	...	...
71	B. Khilloo Ram, Stores Munshi, Sutlej Bridge	...	...	...	...
71	Messrs. Lakhshmi Chand and Chaudhri Nihal Singh, Contractors, Delhi.	...	...	...	...
72	Messrs. Harnarain & Co., Out Agents, Palampur	...	1,000	1,000	...
77	Messrs. Dina Nath Sheopershad, Cash and Pay Contractors, North-Western Railway.	...	...	50,000	...
78	Lala Jugal Kishore, Assistant Stores Munshi, Phillaur ...	...	...	...	...
78	B. Habib Ullah, Assistant Stores Munshi, Lahore	...	...	...	...
78	Messrs. Nadirshaw R. Mehta & Sons, Contractors, Karachi ...	...	...	...	2,000
79	Mr. C. E. Mackay, Contractor, Lahore	...	...	1,000	...
79	Messrs. Nuserwanjee & Co., Contractors, Lahore	...	...	...	1,000
79	Messrs. Ishar Singh and Brothers, Out Agents, Abbottabad ...	...	...	...	1,500
79	B. Hari Singh, Stores Munshi, Quetta	...	...	...	...
79	B. Diwan Chand, Stores Munshi, Bhatinda	...	...	...	...
80	Mr. Choohar Dass Rayat Mall, Contractors, Sukkur ...	...	...	...	...
80	The Bengal Iron & Steel Company, Calcutta	...	...	...	...
80	S. Attar Singh, Out Agent, Khushalgarh-Kohat Thal Railway, Parachinar.	...	...	...	...
80	Messrs. R. B. Boota Singh & Sons, Contractors, Lahore ...	...	...	...	...
80	Messrs. Ladha Ram & Sons, Out Agents, Miani	...	...	...	...
80	B. Raja Ram, Stores Munshi, Head-Quarters, District Lahore ...	...	...	...	...
	Total ...	4,000	3,000	80,300	5,300

TERN RAILWAY.

Railway, Lahore, on the 31*st December* 1917, *deposited under Article* 164, *Volume* 1, *of the Civil Account Code.*

Currency, Calcutta.			In safe.			Lodged with the Treasurer and Secretary, Charitable Endowments Fund, United Provinces of Agra and Oudh.	Amount of investment.	Name of officer to whom interest is sent.
3 per cent. loan of 1896-97.	4 per cent. loan of 1916-17.	War Bonds, 1920.	3½ per cent. loan of 1854-55.	Post Office Savings Bank Pass Book.	Fixed Deposit Receipts.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
...	...	...	...	...	...	6,500	6,500	...
...	...	...	...	...	...	...	6,000	...
5,500	1,000	...	...	...	...	...	16,100	...
...	...	...	...	...	...	...	5,000	...
...	...	...	...	...	...	...	500	...
...	...	...	...	...	...	...	6,000	...
1,000	...	...	...	...	...	...	1,000	...
2,000	...	...	...	...	...	...	2,000	...
...	...	...	...	...	...	...	500	...
...	...	...	...	...	...	...	3,000	...
2,000	...	...	...	...	...	...	2,000	...
...	...	...	...	...	...	...	1,000	...
...	...	...	...	...	...	...	2,000	...
...	...	...	...	...	...	...	500	...
...	...	...	...	...	...	...	1,000	...
...	...	...	...	1,000	...	...	1,000	...
...	...	...	...	360	...	...	360	...
...	...	...	...	500	...	...	500	...
...	...	...	...	840	...	...	840	...
5,000	...	...	...	...	...	...	5,000	...
...	...	...	...	...	...	...	2,000	...
...	...	1,00,000	...	...	...	...	1,50,000	...
...	...	...	...	...	768	...	768	...
...	...	...	...	...	540	...	540	...
...	...	...	...	...	...	...	2,000	...
...	...	...	...	...	...	...	1,000	...
1,000	...	...	...	...	...	...	1,000	...
...	...	...	...	...	...	...	1,500	...
...	...	...	...	...	768	...	768	...
...	...	...	...	...	540	...	540	...
...	...	...	...	...	5,000	...	5,000	...
...	...	...	5,000	...	...	...	5,000	...
...	...	...	...	...	1,700	...	1,700	...
...	...	...	...	...	1,000	...	1,000	...
...	...	3,000	...	...	...	...	3,000	...
...	...	500	...	...	...	...	500	...
15,500	1,000	1,03,500	5,000	2,700	10,316	6,500	2,37,116	...

NORTH WEST

List of Government Promissory Notes in the custody of the Chief Examiner of Accounts (Stores Audit Branch)

Register folio.	Name of person, fund or trust in whose behalf the investment in held.	Lodged with the Controller or					
		3½ per cent. loan of 1842-43.	3½ per cent. loan of 1854-55.	3½ per cent. loan of 1865.	3½ per cent. loan of 1879.	3½ per cent. loan of 1900-01.	3 per cent. loan of 1896-97.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Mr. J. Stark, Sub-Store-keeper	...	...	1,800	...	...	...
1	Mr. C. Quanbrough, Sub-Store-keeper	...	...	1,500	...	...	...
	Mr. A. C. Brabson, Sub-Store-keeper	...	...	...	...	...	1,500
	Mr. F. G. Isaacs, Sub-Store-keeper	...	...	...	...	1,500	...
	Mr. B. C. Jacobson, Sub-Store-keeper	...	...	2,000	...	...	...
	Mr. Tulja Ram, Sub-Store-keeper	...	...	1,200	...	...	300
	Mr. T. S. Thadani, Sub-Store-keeper	...	...	...	...	...	1,200
	Mr. A. Pires, Sub-Store-keeper	...	...	600	...	...	...
	Mr. A. M. DeSouza, Sub-Store-keeper	...	...	100	...	...	...
	B. Balkishen Das, Sub-Store-keeper	...	...	...	...	...	1,400
2	B. Moti Lal, Sub-Store-keeper	...	...	1,000	...	...	300
	B. Moti Lal Dutta, Sub-Store-keeper	200	...	400	...	...	900
	B. Saran Dass, Sub-Store-keeper	...	...	800	...	...	...
	B. Sahib Singh, Sub-Store-keeper	...	...	200	...	500	...
	B. Jagat Singh, Sub-Store-keeper	...	...	600	...	...	900
	B. Narain Das, Sub-Store-keeper	...	...	200	...	...	1,000
3	B. Hazari Lal, Sub Store-keeper	...	...	200	...	...	...
	B. Mool Raj, Sub-Store-keeper	...	...	700	...	...	500
	B. Gobind Ram, Sub-Store-keeper	...	...	100	...	...	1,000
	Abdul Razaq Haji Mund, Sub-Store-keeper	...	...	1,000	...	...	...
	Nihal Chand, Puri, Sub-Store-keeper	...	...	...	...	...	800
	Allah Dad Khan, Sub-Store-keeper	...	...	...	...	...	500
4	Pran Nath, Hoon, Sub-Store-keeper	...	...	...	...	...	1,500
	B. Bura Ram, Sub-Store-keeper	...	...	...	...	...	1,000
	B. Nathu Ram Sub-Store-keeper	...	...	...	...	...	700
	B. Muhammad Ishaq, Sub-Store-keeper	...	...	...	...	...	700
	Mr. J. G. Hashman, Sub-Store-keeper	...	...	...	...	...	800
5	B. Kartar Singh, Ward-keeper	...	...	...	...	...	500
	B. Guran Ditta Mall	...	...	...	...	...	500
	B. Brij Lal, Sub-Store-keeper	...	...	300	...	...	...
	Mr. N. C. Ghose, Ward-keeper	...	...	...	...	...	500
	B. Bishen Singh I, Ward-keeper	...	...	...	...	...	900
	A. K. Bhattacharjia, Ward-keeper	...	...	...	...	...	500
6	B. Wadhawa Ram, Ward-keeper	...	...	...	...	...	500
	B. Shadi Lal, Ward-keeper	...	...	...	...	...	500
	B. Naran Das, Ward-keeper	...	...	...	...	...	500
	B. Bhag Mall, Ward-keeper	...	...	...	...	...	500
	B. Ram Lall, Ward-keeper	...	...	...	...	...	500
	B. Bhag Mall, Ward-keeper	...	...	...	...	...	500
	Mr. N. M. Banerjee, Ward-keeper	...	...	...	...	...	500
	B. Sad Ullah, Ward keeper	...	...	...	...	...	800
7	B. Jeth Mall, Ward-keeper	...	...	...	...	...	500
	B. Saun Das, Ward-keeper	...	...	...	...	...	500
	B. Lachmi Das, Ward-keeper	...	...	...	...	...	500
	B. Amar Nath, Ward-keeper	...	...	...	...	...	500
	Mr. C. E. Mackey, Contractor	...	...	...	...	...	...
	Messrs. H. V. Law and Co., Contractor	...	...	...	...	...	...
8	Messrs. Spedding and Co., Contractor	...	...	...	...	...	...
	Nusserwanji and Co., Contractor	...	...	...	...	...	...
9	Ardeseer and Co., Contractor	5,000	25,000	...	...	...	...
18	Central Kundeli Coal Co.	4,500	1,500	1,000	...	3,000	...
7	Mr. J. Blythe, Sub-Store-keeper	...	500	...	...	1,000	...
9	Seth Girdhari Dass	...	...	...	...	500	...
10	Mian Muhammad Haji Jan Muhammad Chaudhri	...	...	...	...	...	...
	E. A. Currim, Bombay	...	...	...	...	...	...
	Lucknow Iron Works	...	...	...	...	...	...
11	C. E. Mackey, Contractor	...	...	...	...	...	...
	North-West Soap Co.	...	...	...	...	...	...
	Nanpat Rai	...	...	...	...	...	...
12	Hoose Millar & Co.	...	...	...	...	...	...
	Bird & Co.	...	...	...	...	...	...
13	Turner Morrison & Co.	...	...	...	...	...	...
	L. Daulat Ram	...	...	...	...	...	...
	Hara Mall Hetnan Das	...	...	...	...	...	...
	L. Banka Mall	...	...	...	...	...	...
14	Dina Nath Hem Raj	...	...	...	...	...	...
	L. Salig Ram	...	...	...	...	...	...
15	Dewan Chand & Co.	...	...	...	...	...	...
	Standard Oil Co.	...	...	...	...	...	...
	Heatly Gresham, Ltd.	...	...	...	...	...	...
16	Chirag Din Muhammad Din	...	...	...	...	...	...
	Brushware, Ltd., Cawnpore	...	...	...	...	...	...
	Karm Chand Kanaya Lall	...	...	...	...	...	...
	Tara Singh, Contractor	...	...	...	...	...	...
17	James Currie & Co.	...	...	...	...	...	...
	Kanonda & Nyadee Collieries	...	...	...	...	...	...
18	Grandage Muir	...	...	...	...	...	...
	R. B. Salig Ram	...	...	...	...	...	...
	Total ...	9,700	27,000	13,700	...	6,500	24,200

ERN RAILWAY.

Moghalpura, Lahore, on the 31*st December* 1917, *deposited under Article* 164, *Volnme* 1, *of the Civil Account Code.*

Currency, Calcutta.			In safe.											
4 per cent. loan of 1915-16.	5½ per cent. loan of 1920 War Bonds.	5 per cent. loan of 1929—47.	3½ per cent. loan of 1842-43.	3½ per cent. loan of 1854-55.	3½ per cent. loan of 1865.	3½ per cent. loan of 1879.	3½ per cent. loan of 1900-01.	3 per cent. loan of 1896-97.	4 per cent. loan of 1916-17.	4 per cent. loan of 1915-16.	5½ per cent. loan of 1920 War Bonds.	Fixed Deposit Receipt.	Amount of investment.	Name of officer to whom interest is sent.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,800	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,500	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,500	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,500	
...	...	...	...	...	...	...	...	...	...	...	...	...	2,000	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,500	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,200	
...	...	...	...	...	...	...	...	...	...	...	...	...	600	
...	...	...	...	...	...	...	...	...	...	...	...	...	100	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,400	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,300	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,500	
...	...	...	...	...	...	...	...	...	...	...	...	...	800	
...	...	...	...	...	...	...	...	...	...	...	...	...	700	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,500	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,200	
...	...	...	...	...	...	...	...	...	...	...	...	...	200	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,200	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,100	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,000	
...	...	...	...	...	...	...	...	...	...	...	...	...	800	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,500	
...	...	...	...	...	...	...	...	...	...	...	...	...	1,000	
...	...	...	...	...	...	...	...	...	...	...	...	...	700	
...	...	...	...	...	...	...	...	...	...	...	...	...	700	
...	...	...	...	...	...	...	...	...	...	...	...	...	800	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	300	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	900	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	800	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	500	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	45,000	...	...	...	...	...	...	...	...	...	...	45,000	
...	...	...	...	...	...	...	...	...	...	...	...	...	30,000	
...	...	...	...	...	...	...	...	...	...	...	...	...	10,000	
3,500	...	...	...	...	...	...	...	...	...	...	...	...	5,000	
...	...	...	...	...	...	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	1,500	1,500	
...	...	...	...	...	...	...	1,000	...	...	...	...	...	1,000	
...	...	...	...	11,000	...	...	...	...	...	...	...	...	11,000	
...	...	...	1,000	...	500	...	2,500	...	...	...	...	...	4,000	
...	...	...	...	1,000	4,000	...	...	...	...	...	...	...	5,000	
...	...	...	...	...	1,500	...	...	...	...	...	...	...	1,500	
...	...	...	200	100	100	...	200	...	...	...	...	...	600	
...	...	...	500	...	...	...	...	1,300	...	...	...	...	1,800	
...	...	...	...	...	2,000	...	11,000	...	...	...	...	...	13,000	
...	...	...	...	...	...	...	...	...	40,000	...	...	...	40,000	
...	...	...	4,700	100	...	...	200	...	...	...	...	...	5,000	
...	...	...	...	100	...	...	...	...	...	...	...	...	100	
...	...	...	...	...	...	...	...	...	...	...	...	535	535	
...	...	...	...	...	...	...	...	...	...	...	...	2,480	2,480	
...	...	...	...	1,000	6,000	...	500	...	...	...	...	...	7,500	
...	...	...	...	...	...	...	...	...	...	...	...	5,000	5,000	
...	...	...	1,000	7,000	500	...	...	...	...	...	...	...	8,500	
...	...	...	...	...	...	...	...	...	...	...	...	18,000	18,000	
...	...	...	...	...	...	...	...	...	...	...	1,300	...	1,300	
...	...	...	...	...	...	...	...	...	...	...	...	5,000	5,000	
...	...	...	...	...	500	...	...	...	...	...	...	...	500	
...	...	...	...	...	...	...	...	...	...	...	...	718	718	
...	...	...	...	...	...	...	...	5,000	...	...	...	...	5,000	
...	...	...	...	300	...	...	4,700	...	...	...	...	...	5,000	
...	...	...	...	...	...	...	...	...	...	10,000	...	...	10,000	
...	...	...	500	...	500	...	100	...	...	...	...	...	1,100	
...	...	...	...	2,000	...	...	...	...	...	...	...	...	2,000	
3,500	500	45,000	7,900	22,600	15,600	...	20,200	6,300	40,000	10,000	1,300	33,233	2,87,233	

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 2nd February 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	6	1	7	4	...	4	...	...	...	1	...	2	...	1	...	2	2	21	12	1
2		Hánsi ...	14,576	5	5	10	3	2	1	...	...	...	1	...	2	...	...	1	1	2	36	11	2
3		Bhiwáni ...	31,100	12	18	30	35	19	16	...	...	2	9	...	5	...	19	4	5	9	50	59	3
4		Sirsa ...	14,629	2	1	3	16	13	3	...	...	...	3	4	6	...	3	3	1	4	11	57	4
5	Rohtak ...	Rohtak ...	19,862	8	11	19	12	7	5	...	1	1	4	...	4	...	2	...	2	2	50	32	5
6		Jhajjar ...	10,617	1	11	12	7	3	4	...	...	...	2	1	2	...	2	1	1	2	59	34	6
7		Sonepat ...	12,014	5	4	9	3	3	...	...	...	...	1	...	1	...	1	...	...	...	39	13	7
8	Gurgaon ...	Rewári ...	24,780	8	14	22	16	9	7	...	...	1	...	3	8	...	4	2	2	4	46	34	8
9	Karnál ...	Karnál ...	21,018	3	9	12	16	5	11	...	...	...	8	2	4	...	2	1	3	4	30	39	9
10		Kaithal ...	12,912	3	11	14	12	8	4	...	...	...	7	...	1	...	4	1	...	1	57	49	10
11		Pánipat ...	26,342	12	12	24	23	15	8	...	6	...	10	...	3	...	4	9	2	11	48	46	11
12		Shahabad ...	11,054	3	3	6	11	6	5	...	3	...	1	...	7	...	...	...	1	1	29	52	12
13	Ambála ...	Ambála ...	24,403	11	17	28	36	22	14		...	9	4	2	12	...	9	2	2	4	60	77	13
14		Jagádhri ...	12,045	3	2	5	13	8	5	...	...	4	3	...	5	...	1	1	...	1	22	56	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	6	4	10	7	4	3	...	...	...	2	...	2	..	3	1	...	1	30	21	15
16	Jullundur ...	Jullundur ...	55,854	24	20	44	28	17	11	...	...	2	13	3	8	1	1	2	2	4	41	26	16
17	Ludhiána ...	Ludhiána ...	43,152	20	23	43	43	25	18	...	...	14	12	3	8	1	5	4	2	6	52	53	17
18		Jagráon ...	15,039	6	6	12	7	2	5	...	...	...	2	...	1	...	4	2	3	5	42	24	18
19	Ferozepore ...	Ferozepore ...	24,678	5	7	12	16	6	10	...	...	...	6	...	1	...	9	2	7	9	25	34	19
20		Fázilka ...	10,985	8	5	13	13	6	7	...	...	1	4	1	3	...	4	...	3	3	62	62	20
21	Lahore ...	Lahore ...	210,271	76	81	157	175	103	72	...	...	20	87	3	33	1	31	22	12	34	39	43	21
22		Kasúr ...	24,783	14	10	24	13	8	5	...	...	1	8	...	1	...	3	...	1	1	50	27	22
23	Amritsar ...	Amritsar ...	151,339	55	62	117	135	71	64	...	...	4	53	8	48	3	19	9	12	21	40	46	23
24	Gurdáspur ...	Batála ...	26,430	20	14	34	22	12	10	...	...	13	5	...	2	...	2	...	...	...	67	44	24
25	Siálkot ...	Siálkot ...	48,595	20	32	52	17	9	8	...	...	...	3	2	4	1	7	...	3	3	56	18	25
26	Gujránwála ...	Gujránwála ...	28,637	24	17	41	18	8	10	...	...	...	9	...	4	...	5	3	1	4	75	33	26
27		Wazírabad ...	17,146	7	5	12	11	4	7	...	...	...	5	...	2	...	4	...	3	3	36	33	27
28	Gujrát ...	Gujrát ...	18,692	8	10	18	16	6	10	...	...	...	10	...	3	...	3	1	3	4	50	45	28
29		Jalálpur ...	11,615	6	4	10	5	4	1	...	...	...	4	...	1	...	...	...	1	1	45	22	29

Weekly return of births and deaths, &c.—concluded.

No	DISTRICTS.	TOWNS.	Population according to the Census of 1911.	BIRTHS.			DEATHS.			CAUSE OF DEATH.								INFANTS UNDER ONE YEAR OF AGE.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	8	12	20	11	7	4	...	...	...	7	1	3	...	...	1	...	1	68	37	30
31		Khusháb ...	10,159	3	3	6	14	6	8	...	...	...	6	2	2	...	4	1	3	4	31	71	31
32	Jhelum ...	Jhelum ...	12,298	2	7	9	4	1	3	...	...	...	2	...	1	...	1	...	...	...	38	17	32
33		Pind Dádan Khan	10,590	4	5	9	8	3	5	...	...	...	2	2	1	...	3	...	1	1	44	39	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	19	18	37	27	10	17	...	...	...	7	2	9	1	8	1	6	7	41	30	34
35	Lyallpur ...	Lyallpur ...	19,578	7	4	11	8	4	4	...	...	...	4	1	2	...	1	3	1	4	29	21	35
36	Jhang ...	Jhang-Maghiána	25,914	15	20	35	25	15	10	...	...	...	6	1	...	...	18	6	6	12	70	50	36
37		Chiniot ...	14,085	9	11	20	11	6	5	...	...	...	2	1	...	...	8	2	2	4	73	40	37
38	Multán ...	Multán ...	85,747	39	42	81	86	49	37	...	...	7	36	6	8	...	29	9	8	17	49	52	38
	GRAND TOTAL ...		1,196,515	487	541	1,028	927	506	421	...	10	79	349	48	209	8	224	94	102	196	45	40	
	Hill Sanitaria.																						
	Simla ...	...	... 18,934	5	4	9	4	...	4	...	...	...	...	...	3	...	1	...	...	...	25	11	
	Dharmsála	...	... 2,518	3	2	5	1	1	...	...	...	...	...	...	...	1	...	...	...	...	102	20	
	Dalhousie ...	...	... 938	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48	...	
	Murree ...	...	... 1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

DURING the week ending 2nd February 1918 there were 1,028 births registered in the 38 large municipal towns (487 males and 541 females), giving a birth rate of 45 *per mille* of population, and 927 deaths were registered (506 males and 421 females), giving a death rate of 40 *per mille* of population. The death rates registered in the three largest towns were as follows:—Lahore 43 against 34 in the corresponding week of the previous year, Amritsar 46 against 25 and Multán 52 against 26.

There were 6 deaths registered from small-pox in Pánipat, 3 in Shahabad and 1 in Rohtak. Of the 79 deaths from plague, 20 were reported in Lahore, 14 in Ludhiána, 13 in Batála, 9 in Ambála, 7 in Multán, 4 each in Jagádhri and Amritsar, 2 each in Bhiwáni and Jullundur, and 1 each in Rohtak, Rewári, Fázilka and Kasúr.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 12th February 1918.

W. H. MILLS, SUPDT.,
for *Sanitary Commissioner, Punjab.*

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 8.] LAHORE, FRIDAY, FEBRUARY 22, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 19th February 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (*a*) Drinking. (*b*) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
1	Hissar ...	...	1. Sufficient ... 2. (*b*) Water sufficient in perennial canals. Inundation canals dry. 3. Good.	Wheat, 8½ ... Bajra, 11. Gram, 12. Bejhar, 13¼. Prices between normal and warning rates.	...	Standing crops good.
2	Rohtak ...	...	1. Sufficient. ... 2. (*a*) Do. (*b*) Adequate 3. Generally good.	Wheat, 8½ ... Gram, 11½. Barley, 12. Jowar, 15½. Bajra, 10. Prices between normal and warning rates.	Pressing of sugarcane continues. Yield generally good.	Condition of standing wheat and other crops fair to good. Prospects of irrigated crops good but rain is urgently needed for unirrigated crops. Gram has been somewhat damaged by strong winds.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Autumn.	Prospects of — Spring.
3	Gurgaon ...	...	1. Scarce ... 2. (b) Sufficient. 3. Good.	Wheat, 7½ to 10 ... Barley, 11½ to 13¾. Gram, 11 to 12½. Jowar, 10 to 12. Bajra, 9 to 15. Maize, 11½ to 12. Prices generally between normal and warning rates.	...	Rain wanted. Condition and expected yield of standing crops specially of wheat good.
4	Ambala ...	...	1. Scarce ... 2. (a) Sufficient. (b) Adequate. 3. Good.	Wheat, 7¾ ... Gram, 10½. Barley, 11¾. Maize, 12¼. Bajra, 10¾. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Condition of standing irrigated crops, specially wheat and oilseeds fair, but unirrigated crops are suffering for want of rain which is badly wanted.
5	Jullundur ...	...	1. Sufficient ... 2. (a) Adequate. 3. Generally good.	Wheat, 8¼ ... Barley, 9¾. Gram, 12¼. Maize, 10¾. Jowar, 9. Bajra, 10. Prices between normal and scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing irrigated crops average and unirrigated below average. Rain badly wanted.
6	Ferozepore ...	...	1. Sufficient except in Bet tracts. 2. (a) Sufficient. 3. Good.	Wheat, 8½ ... Gram, 10½. Prices between normal and scarcity rates.	...	Standing irrigated crops average and unirrigated below average. Rain badly wanted.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 7¾ ... Gram, 10¼. Prices between warning and scarcity rates.	Pressing of sugarcane continues. Yield normal.	Standing irrigated crops average and unirrigated below average. Rain badly wanted.
8	Amritsar ...	...	1. Insufficient ... 2. (b) Canals flowing by rotation; supply sufficient. 3. Generally good.	Wheat, 8¼ ... Barley, 11. Gram, 10½. Maize, 11¼. Jowar, 11. Bajra, 10. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield normal.	Standing irrigated crops average and unirrigated below average.
9	Sialkot ...	0·02 at Sadr ... 0·02 at Zafarwal...	1. Scarce ... 2. (a) Sufficient ... (b) Canal closed. 3. Cattle weak owing to cold and scarcity of fodder.	Wheat, 7½ to 8½ ... Barley, 12 to 12½. Maize, 10. Gram, 8½ to 9. Prices between warning and scarcity rates.	Condition and yield of sugarcane average.	Standing crops average. Sowings of extra spring crops continue in Sialkot Tahsil.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Canals closed. 3. Generally good.	Wheat, 8¼ to 9 ... Gram, 10 to 11. Bajra, 11 to 12. Maize, 10 to 12. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield below normal.	Standing irrigated crops average and unirrigated below average. Rain badly wanted. Toria being harvested. Yield below normal.
11	Ráwalpindi ...	...	1. Sufficient ... 3. Good.	Wheat, 7½ ... Barley, 12½. Gram, 9½. Bajra, 11½. Maize, 11. Jowar, 10¾. Prices between normal and scarcity rates.	—	Rain badly wanted. Standing irrigated crops good and unirrigated average.
12	Miánwáli ...	0·15 at Bhakkar ...	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat 8 ... Jowar 11. Bajra 12. Gram 11. Prices between normal and warning rates.	...	Standing irrigated crops average and unirrigated below average. Condition of wheat getting worse for want of rain which is badly wanted.
13	Lyallpur ...	0·06 at Samundri...	1. Sufficient ... 2. (b) Canals flowing by rotations; water supply normal. 3. Generally good.	Wheat, 8½ ... Gram, 9¾. Maize 10. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing crops generally good, sowings of extra spring crops commenced in parts of Lyallpur Tahsil. Toria being harvested. Yield normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing by turns. Inundation Canals dry. 3. Fair.	Wheat, 8½ ... Gram, 9¼. Maize 8¼. Bajra, 10. Jowar 7. Prices between warning and scarcity rates or above scarcity rates.	...	Standing crops good in Multán and Kabirwála Tahsils. In other tahsils they are average on irrigated area and below average on unirrigated area. Extra spring crops being sown.

GENERAL REMARKS.

WEATHER practically dry. Rain is urgently wanted everywhere for unirrigated spring crops which are suffering from drought in many districts. Pressing of sugarcane continues in some districts. Yield normal to good. Condition of standing irrigated wheat and other crops is average to good and that of unirrigated crops below average to average. Toria is being harvested in parts of the west. Yield normal. Stocks of food-grains generally sufficient. Cattle are healthy but fodder is scarce in some districts. Prices are stationary and range generally between warning and scarcity rates, except in some south-eastern districts, where they are between normal and warning rates. Prices of wheat:—Ráwalpindi 7½, Ambála and Lahore 7¾, Lyallpur 8½ and Ferozepore 8½ seers per rupee.

MAHBUB SHAH, SUPDT.,
for Director of Land Records, Punjab.

SUPPLEMENTARY STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON AND THE WHOLESALE AND RETAIL PRICES OF SALT IN THE MUZAFFARGARH DISTRICT OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST JANUARY 1918, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO "PUNJAB GOVERNMENT GAZETTE," DATED 15TH FEBRUARY 1918.

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.

1	2			3			4			5			6			7			8			9			10		
DISTRICT.	*Wheat.*			*Barley.*			*Rice (Best sort).*			*Rice (Common).*			*Jowar or Cholum (Andropogon sorghum).*			*Bajra or Cumbu (Pennisetum typhoideum).*			*Mandwa, Marua or Ragi (Eleusine coracana).*			*Kangni or Kakun, Italian Millet (Sitaria italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*		
	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
Muzaffargarh ...	8 8	8 2	9 2	11 0	11 0	12 0	...	...	...	8 0	7 0	6 0	§	§	§	§	§	§	§	§	§	§	§	§	9 8	10 2	11 2

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.

1	11			12			13			14						15			16			17
DISTRICT.	*Maize (Zea Mays).*			*Arhur or Thur Cadjan Pea (Cajanus indicus).*			*Firewood.*			*Salt.*						*Gur.*			*Cotton, unginned.*			REMARKS.
	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.		Past fortnight ending 15th January 1918.		Corresponding fortnight of 31st January 1917.		Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	Present fortnight ending 31st January 1918.	Past fortnight ending 15th January 1918.	Corresponding fortnight of 31st January 1917.	
										Whole-sale.	Retail.	Whole-sale.	Retail.	Whole-sale.	Retail.							
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	
Muzaffargarh ...	9 0	‡	§	§	§	§	110 0	95 0	110 0	8 8	8 0	8 8	8 0	10 0	10 0	6 0	6 4	6 0	3 0	3 0	6 0	

NOTES.—Prices of rice as shown in the statement are for the quality in common demand.
Variations in prices are due to fluctuations in imports and exports.
‡ Not sold.
§ Not procurable.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Dated Lahore, the   February 1918.

B. D. SINGH, HEAD ASSISTANT OF STATISTICS,
Office of the Director of Land Records, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 9th February 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	9	6	15	10	4	6	..	...	...	2	1	1	...	6	1	3	4	46	30	1
2		Hánsi ...	14,576	4	7	11	12	6	6	..	...	...	6	...	3	...	3	1	1	2	39	43	2
3		Bhiwáni ...	31,100	9	18	27	23	12	11	...	...	3	6	...	2	...	12	2	3	5	45	39	3
4		Sirsa ...	14,629	6	8	14	13	4	9	..	...	...	7	1	5	...	...	...	1	1	50	46	4
5	Rohtak ...	Rohtak ...	19,862	11	5	16	11	4	7	...	...	...	8	...	1	...	2	2	1	3	42	29	5
6		Jhajjar ...	10,617	2	4	6	9	4	5	...	...	...	2	...	3	...	4	...	1	1	30	44	6
7		Sonepat ...	12,014	6	8	14	7	4	3	...	...	...	1	...	...	..	6	2	1	3	61	30	7
8	Gurgaon ...	Rewári ...	24,780	10	13	23	20	13	7	...	...	2	...	2	4	...	12	2	1	3	48	42	8
9	Karnál ...	Karnál ...	21,018	10	11	21	9	6	3	...	...	...	3	...	2	..	4	1	1	2	52	22	9
10		Kaithal ...	12,912	5	3	8	7	2	5	...	...	...	4	...	2	...	1	...	2	2	33	29	10
11		Pánipat ...	26,342	14	18	32	27	12	15	...	10	...	7	...	3	...	7	4	8	12	63	54	11
12		Shahabad ...	11,054	4	6	10	4	1	3	...	1	...	1	...	1	...	1	...	...	...	48	19	12
13	Ambála ...	Ambála ...	24,493	17	14	31	14	6	8	...	...	1	4	...	8	...	1	...	2	2	66	30	13
14		Jagádhri ...	12,045	2	4	6	18	12	6	...	...	3	5	...	6	...	4	1	...	1	26	78	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	6	9	15	12	5	7	...	...	1	8	...	...	..	3	...	1	1	46	36	15
16	Jullundur ...	Jullundur ...	55,354	25	20	45	20	13	7	...	...	1	5	1	8	...	5	2	2	4	42	19	16
17	Ludhiána ...	Ludhiána ...	43,152	12	19	31	64	33	31	...	1	29	21	1	5	...	7	2	7	9	38	77	17
18		Jagráon ...	15,039	9	10	19	17	11	6	...	...	3	5	...	4	..	5	2	1	3	66	59	18
19	Ferozepore ...	Ferozepore ...	24,678	6	9	15	13	11	2	...	...	1	6	...	3	...	3	4	...	4	32	27	19
20		Fázilka ...	10,985	13	8	21	8	4	4	...	...	...	4	...	2	...	2	3	1	4	100	38	20
21	Lahore ...	Lahore ...	210,271	72	61	133	176	109	67	...	...	11	89	5	47	...	24	19	10	29	33	44	21
22		Kasúr ...	24,783	5	8	13	14	5	9	...	...	...	7	1	...	2	4	2	1	3	27	29	22
23	Amritsar ...	Amritsar ...	151,339	52	52	104	124	62	62	...	...	4	47	3	59	1	10	8	11	19	36	43	23
24	Gurdáspur ...	Batála ...	26,430	11	15	26	25	15	10	...	...	10	6	...	6	...	3	...	2	2	52	50	24
25	Siálkot ...	Siálkot ...	48,595	25	19	44	14	13	1	...	...	2	4	...	7	...	1	1	...	1	47	15	25
26	Gujránwála	Gujránwála ...	Statements not received.																				26
27		Wazírabad ...																					27
28	Gujrát ...	Gujrát ...	18,692	15	7	22	11	4	7	...	...	...	5	...	6	...	...	...	2	2	62	31	28
29		Jalálpur ...	11,615	3	3	6	2	2	...	...	...	...	1	...	...	...	1	...	...	...	27	9	29

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Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	9	10	19	12	6	6	...	...	...	6	1	2	...	3	4	1	5	65	41	30
31		Khusháb ...	10,159	6	6	12	7	3	4	...	...	...	4	...	2	...	1	...	2	2	61	36	31
32	Jhelum ...	Jhelum ...	12,298	9	13	22	7	3	4	...	...	...	3	...	2	...	2	...	2	2	92	29	32
33		Pind Dádan Khan	10,590	8	4	12	9	7	2	...	...	...	3	1	2	...	3	3	...	3	59	44	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	14	19	33	31	17	14	...	...	...	12	1	9	...	9	5	3	8	37⅗	35	34
35	Lyallpur ...	Lyallpur ...	19,578	9	8	17	7	3	4	...	...	...	2	...	3	...	2	2	1	3	45	19	35
36	Jhang ...	Jhang-Maghiána	25,914	16	19	35	23	15	8	...	...	...	10	1	...	...	12	7	4	11	70	46	36
37		Chiniot ...	14,085	13	6	19	15	6	9	...	...	...	3	1	...	...	11	3	5	8	70	55	37
38	Multán ...	Multán ...	85,747	36	41	77	75	31	44	...	...	22	22	2	10	...	19	1	9	10	47	46	38
		Grand Total ...	11,50,732	483	491	974	870	468	402	...	12	93	329	22	218	3	193	84	90	174	44	39	
	Hill Sanitaria.																						
	Simla ...	...	18,934	4	5	9	3	2	1	...	...	...	1	...	1	...	1	1	...	1	25	8	
	Dharmsála	...	2,518	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	
	Dalhousie ...	...	938	1	...	1	2	2	...	...	...	...	...	1	...	...	1	...	...	...	48	95	
	Murree ...	...	1,861	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 9th February 1918 there were 974 births registered in the 36 large municipal towns (483 males and 491 females), giving a birth rate of 44 *per mille* of population, and 870 deaths were registered (468 males and 402 females), giving a death rate of 39 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 44 against 25 in the corresponding week of the previous year, Amritsar 43 against 23 and Multán 46 against 36.

There were 10 deaths registered from small-pox in Pánipat, and 1 each in Shahábad and Ludhiána. Of the 93 deaths from plague, 29 were reported in Ludhiána, 22 in Multán, 11 in Lahore, 10 in Batála, 4 in Amritsar, 3 each in Bhiwáni, Jagádhri and Jagraon, 2 each in Rewári and Siálkot, and 1 each in Ambála, Hoshiárpur, Jullundur and Ferozepore.

Sanitary Commissioner's Office,
Lahore:
The 20th February 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

2418 PGG—640—22-2-18—SGPP Lahore.

Registered No. L. 864

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 9.] LAHORE, FRIDAY, MARCH 1, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 26th February 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (*a*) Drinking. (*b*) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
1	Hissar ...	...	1. Sufficient ... 2. (*b*) Canals dry. 3. Good.	Wheat, $8\frac{1}{2}$ ... Bajra, $9\frac{1}{2}$. Gram, 12. Bejhar, $13\frac{1}{2}$. Prices between normal and warning rates.	...	Standing crops good.
2	Rohtak ...	...	1. Sufficient. ... 2. (*a*) Do. (*b*) Adequate 3. Generally good.	Wheat, 8 ... Gram, 11. Barley, 12. Jowar, 12. Bajra, 10. Prices generally at warning rates.	Pressing of sugarcane continues. Yield good.	Condition of irrigated wheat and other crops and of unirrigated fair. Rain wanted.

No.	Reporting station.	Rain	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Autumn.	Prospects of — Spring.
3	Gurgaon ...	...	1. Scarce ... 2. (b) Sufficient. 3. Generally good.	Wheat, 7½ to 9½ ... Barley, 11½ to 13. Gram, 11 to 12. Jowar, 10 to 11½. Bajra, 9 to 15. Maize, 11 to 13. Prices generally between normal and warning rates.	...	Condition and expected yield of standing crops, specially wheat, good. Rain wanted.
4	Ambala ...	...	1. Scarce ... 2. (a) Sufficient. (b) Adequate. 3. Good.	Wheat, 7¾ ... Gram, 10½. Barley, 11¾. Maize, 12¼. Bajra, 10¾. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing crops, specially wheat, and oil-seeds, fair on irrigated area, but unirrigated crops are suffering for want of rain which is badly wanted.
5	Jullundur ...	...	1. Inadequate ... 2. (a) Adequate. 3. Generally good.	Wheat, 8¼ ... Barley, 12¼. Gram, 9¾. Maize, 10¾. Jowar, 9. Bajra, 10. Prices between normal and scarcity rates.	Pressing of sugarcane nearly completed. Yield good.	Standing irrigated crops average and unirrigated below average. Rain badly wanted.
6	Ferozepore ...	...	1. Sufficient except in Bet tracts. 2. (a) Sufficient. 3. Good.	Wheat, 8½ ... Gram, 10. Prices between normal and scarcity rates.	...	Standing irrigated crops average and unirrigated below average. Sowings of extra spring crops commenced and are below normal. Rain badly wanted.
7	Lahore ...	0·17 at Sadr ...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10½. Prices between warning and scarcity rates.	...	Standing irrigated crops average and unirrigated below average.
8	Amritsar ...	0·08 at Sadr ...	1. Insufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Generally good.	Wheat, 8 1/16 ... Barley, 10½. Gram, 9¾. Maize, 10¾. Jowar, 10½. Bajra, 10. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield normal.	Standing irrigated crops average and unirrigated below average.
9	Sialkot ...	0·26 at Sadr ... 0·25 at Zafarwal...	1. Scarce ... 2. (a) Sufficient ... (b) Canal closed... 3. Cattle weak owing to scarcity of fodder.	Wheat, 7½ to 8½ ... Barley, 12 to 12½. Maize, 10. Gram, 8½ to 9. Prices between warning and scarcity rates.	Condition and yield of sugarcane average.	Standing crops average.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for—(a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Autumn.	Spring.
10	Shahpur ...	0·29 at Sadr ... 0·05 at Shahpur. 0·03 at Khusháb.	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; water-supply sufficient. 3. Generally good.	Wheat, 8 to 9 ... Gram, 10¾ to 11½. Bajra, 11¼ to 12. Maize, 10 to 12. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield below normal.	Rain was insufficient and more is badly wanted. Standing irrigated crops average and unirrigated below average. Toria being harvested. Yield below normal.
11	Ráwalpindi ...	0·30 at Sadr ... 0·23 at Gujar Khan. 0·40 at Kahúta. 0·72 at Murree.	1. Sufficient ... 3. Good.	Wheat, 7 ... Barley, 12½. Gram, 9 Bajra, 10¾. Maize, 10¼. Jowar, 11. Prices between normal and scarcity rates.	...	Rain, though useful, was insufficient. Standing irrigated crops good and unirrigated average.
12	Miánwáli ...	0·15 at Sadr ... 0·05 at Bhakkar.	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat, 8⅛ ... Jowar, 9. Bajra, 12¼. Gram, 10¾.	...	Standing crops average on irrigated and below average on unirrigated areas. Condition of wheat getting worse for want of rain which is badly wanted.
13	Lyallpur ...	0·03 at Sadr ... 0·08 at Jaranwála.	1. Sufficient ... 2. (b) Canals flowing by rotations satisfactorily. 3. Generally good.	Wheat, 8¼ ... Gram, 9¾. Maize, 10. Prices generally between warning and scarcity rates.	Pressing of sugarcane continues. Yield good.	Standing crops generally good. Sowings of extra spring crops continue. Toria being harvested. Yield normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing; water-supply inadequate. 3. Fair.	Wheat, 8⅛ ... Gram, 9 Bajra, 9¾. Prices between warning and scarcity rates.	...	Sowings of extra spring crops continue and are normal. Standing crops good in Multán and Kabírwála Tahsils. In other tahsils average on irrigated area and below average on unirrigated area.

GENERAL REMARKS.

Except for light rain in some sub-montane and western districts weather remained practically dry. This rain, though useful for standing crops, was quite insufficient, and more is badly wanted. Pressing of sugarcane continues in some districts. Yield normal to good. Condition of standing irrigated wheat and other crops is average to good and of unirrigated crops below average to average. The latter are suffering in some districts from drought and rain is badly wanted for them. Stocks of food-grains sufficient. Cattle are generally healthy, but fodder is getting scarce. Prices are stationary, but have an upward tenedency; they range generally between warning and scarcity rates, except in some south-eastern districts, where they range between normal and warning rates. Prices of wheat:—Ráwalpindi 7, Lahore 8, Lyallpur 8¼, Ferozepore 8½, and Ambála 8¾ seers per rupee.

MAHBUB SHAH, Supdt.,

for *Director of Land Records, Punjab.*

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE IN

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hisar	8 8	8 8	8 8	13 0	13 8	12 12	...	...	...	7 0	7 0	7 0
Rohtak	8 4	8 4	9 0	12 0	11 12	13 0	...	...	...	6 8	6 8	6 8
Gurgaon	8 4	8 8	8 4	11 8	12 0	13 4	...	...	...	7 8	8 0	8 0
Karnál	8 8	9 0	9 4	12 8	14 0	14 0	...	...	...	7 0	7 0	7 8
Ambála	7 12	8 0	8 8	11 12	11 12	12 0	...	...	...	7 12	7 12	8 8
Simla	6 8	6 7	7 8	8 0	8 0	10 12	...	...	...	5 0	5 0	6 0
JULLUNDUR.												
Kángra	5 8	6 8	10 0	9 0	10 0	13 0	...	...	...	8 0	8 0	9 0
Hoshiárpur	8 0	8 0	9 4	10 8	10 8	12 0	...	...	...	6 8	7 0	6 8
Jullundur	8 4	8 8	9 4	12 8	12 2	12 8	...	...	...	7 8	6 8	7 0
Ludhiána	8 0	8 0	9 0	9 8	9 8	13 0	...	...	...	6 0	6 0	6 0
Ferozepore	8 8	8 0	9 8	11 0	11 0	13 8	...	...	...	6 8	6 8	7 0
LAHORE.												
Lahore	7 12	8 0	9 0	11 8	11 8	12 12	...	...	...	7 12	7 12	8 8
Amritsar	8 10	8 8	9 7	10 12	9 12	14 4	...	...	...	7 4	7 4	7 12
Gurdáspur	8 8	8 8	10 0	10 8	10 8	12 8	...	...	...	6 12	6 12	8 0
Siálkot	(b)	8 0	9 8	(b)	12 0	12 0	...	...	...	(b)	7 8	8 8
Gujránwála	8 8	8 10	10 0	13 8	14 8	13 8	...	...	...	7 8	8 0	9 4
RAWALPINDI.												
Gujrát	8 0	8 4	9 4	13 0	13 0	14 0	...	...	...	8 0	8 0	8 8
Shahpur	8 10	9 0	10 4	11 0	11 0	14 8	...	...	...	7 0	6 8	6 12
Jhelum	7 8	7 8	9 0	12 0	12 8	13 0	...	...	...	7 0	7 0	7 8
Ráwalpindi	7 4	7 8	8 4	12 2	13 0	13 8	...	...	...	8 0	8 0	7 4
Attock	8 4	8 4	8 8	12 0	12 0	13 0	...	...	...	7 0	7 0	7 [illegible]
Miánwáli	8 6	8 4	8 4	§	12 0	13 0	...	...	...	6 0	6 0	6 [illegible]
MULTAN.												
Montgomery	7 13	7 14	9 0	11 0	11 0	11 0	...	...	...	6 0	5 12	7 0
Lyallpur	8 8	8 0	9 8	12 0	12 0	13 8	...	...	...	6 12	6 8	7 0
Jhang	8 8	8 8	9 0	12 12	12 12	13 8	...	...	...	6 8	7 0	7 8
Multán	8 2	7 14	9 4	11 8	11 0	11 8	...	...	...	7 4	7 4	8 8
Muzaffargarh	8 4	8 8	9 8	11 0	11 0	12 0	...	...	...	7 8	8 0	6 0
Dera Ghází Khan	7 2	7 8	9 0	10 0	10 8	13 12	...	...	...	6 12	7 0	8 12

(b) Statement ...
‡ Not sold ...
†Not produced.
NOTE.—The prices of rice as shown in the statement are ...
N.B.—Variations in prices are due to fluctuations ...

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH FEBRUARY 1918.

THE ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			Districts.
Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												Ambala.
‡	‡	16 0	10 8	10 8	16 0	‡	†	†	†	†	†	Hissar.
13 8	14 0	17 4	10 8	10 8	17 0	†	†	†	†	†	†	Rohtak.
11 8	11 8	15 0	11 8	11 8	15 8	†	†	†	†	†	†	Gurgaon.
12 8	14 0	15 0	11 0	10 4	14 0	†	†	†	§	§	†	Karnál.
14 0	14 0	15 8	10 12	9 12	14 0	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
7 0	8 8	10 0	8 8	9 8	10 0	‡	‡	†	‡	‡	†	Simla.
												Jullundur.
‡	‡	†	‡	‡	†	‡	‡	†	‡	‡	†	Kángra.
9 0	9 0	12 0	10 0	10 0	12 0	†	†	†	‡	‡	†	Hoshiárpur.
9 0	10 0	13 8	10 0	10 0	12 0	†	†	†	8 8	8 0	9 0	Jullundur.
9 8	9 8	15 0	9 0	9 8	11 8	†	†	†	6 0	6 0	7 8	Ludhiána.
‡	‡	13 4	†	†	13 8	‡	‡	†	‡	‡	†	Ferozepore.
												Lahore.
10 0	10 0	15 0	9 0	9 0	13 0	§	§	†	8 12	8 12	12 8	Lahore.
11 0	13 0	13 12	9 8	8 12	13 4	§	§	†	11 0	11 0	10 12	Amritsar.
8 8	9 8	12 0	8 8	8 8	†	§	§	†	8 0	8 0	8 0	Gurdáspur.
(b)	§	§	(b)	§	13 0	(b)	§	†	(b)	§	†	Siálkot.
13 12	§	13 0	13 12	§	12 12	§	§	†	§	§	†	Gujránwála.
												Rawalpindi.
§	§	†	9 0	10 0	14 0	†	†	†	§	§	†	Gujrát.
11 0	11 0	10 0	11 0	11 12	15 0	§	§	†	§	§	†	Shahpur.
§	§	13 0	10 0	10 0	12 0	†	†	†	†	†	†	Jhelum.
10 12	10 12	14 0	11 2	11 12	11 4	‡	‡	†	‡	‡	†	Rawalpindi.
‡	‡	†	12 0	12 0	11 4	‡	‡	†	‡	‡	†	Attock.
9 0	10 0	12 0	12 8	12 0	12 4	†	†	†	‡	‡	†	Miánwáli.
												Multan.
0 0	§	12 0	§	§	11 0	§	§	†	†	†	†	Montgomery.
§	§	†	‡	‡	13 0	‡	‡	†	‡	‡	†	Lyallpur.
7 0	9 4	10 0	11 4	11 0	11 8	14 8	14 8	14 0	11 8	11 8	11 8	Jhang.
7 0	7 0	13 8	10 0	9 12	12 8	‡	‡	†	13 0	13 0	13 0	Multán.
§	§	§	§	§	§	§	§	§	§	§	§	Muzaffargarh.
7 2	8 12	13 12	8 0	8 10	14 0	‡	‡	†	‡	‡	†	Dera Gházi Khan.

received.

§Not procurable.

for the quality in common demand.

in imports and exports.

2465 PGG

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

1	10			11			12			13		
	QUANTITIES PER RUPEE BY											
Districts.	*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*			*Maize (Zea Mays).*			*Arhur or Thur Cadjan Pea (Cajanus indicus).*			*Firewood.*		
	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBÁLA.												
Hissár	11 8	11 8	13 4	‡	‡	†	†	†	†	55 0	55 0	70 0
Rohtak	11 8	11 4	12 14	‡	‡	†	8 0	8 0	8 0	60 0	60 0	60 0
Gurgaon	11 0	11 8	13 0	11 8	11 8	13 0	8 8	8 8	8 8	60 0	60 0	70 0
Karnál	11 8	11 8	13 4	12 0	12 8	14 8	8 8	8 0	6 8	90 0	90 0	110 0
Ambála ...	10 4	10 0	12 0	12 4	12 0	15 8	7 12	7 12	8 4	77 0	77 0	95 0
Simla	8 8	8 8	9 4	10 0	9 8	10 12	5 8	5 0	5 12	46 0	46 0	64 0
JULLUNDUR.												
Kángra	8 4	6 0	8 0	9 0	10 0	14 0	4 8	4 8	5 0	80 0	80 0	80 0
Hoshiárpur	9 8	8 12	10 12	10 8	11 0	15 4	‡	‡	†	60 0	60 0	70 0
Jullundur	9 8	9 4	11 8	10 12	11 0	15 4	§	§	†	40 0	40 0	60 0
Ludhiána	9 8	9 8	12 0	11 8	11 8	16 0	8 8	8 8	6 8	50 0	50 0	70 0
Ferozepore	11 0	10 8	12 4	10 0	10 8	13 12	5 0	5 0	5 8	45 0	45 0	60 0
LAHORE.												
Lahore ...	10 4	10 8	11 4	8 12	8 8	12 12	7 4	7 4	7 12	32 0	30 0	40 0
Amritsar	10 4	10 4	11 0	11 0	10 4	15 0	6 8	7 4	7 4	40 0	40 0	55 0
Gurdáspur	9 0	8 8	10 8	11 0	11 0	16 0	§	§	†	60 0	60 0	60 0
Siálkot	(b)	8 8	10	(b)	10 0	13 0	(b)	§	†	(b)	50 0	70 0
Gujránwála	10 0	10 0	10 12	10 0	‡	12 8	‡	‡	†	48 0	48 0	50 0
RAWALPINDI.												
Gujrát	9 0	9 0	10 0	8 8	9 0	13 0	†	†	†	40 0	45 0	70 0
Shahpur	10 12	10 12	11 8	10 8	10 8	14 8	7 0	7 0	7 0	55 0	42 0	60 0
Jhelum	9 8	9 4	10 0	9 8	9 8	11 8	7 0	7 0	6 0	45 0	45 0	50 0
Rawalpindi	9 8	9 8	9 12	11 0	11 0	11 8	8 0	8 0	6 0	34 0	40 0	45 0
Attock ...	9 8	9 8	9 8	12 8	12 8	11 8	5 4	5 4	5 4	45 0	45 0	61 0
Miánwáli ...	11 0	11 0	13 0	‡	‡	12 0	‡	‡	†	45 0	45 0	55 0
MULTAN.												
Montgomery	9 12	9 2	11 4	§	§	15 0	§	§	6 0	85 0	90 0	125 0
Lyallpur	10 0	9 0	11 4	10 0	9 8	15 0	6 0	6 0	7 0	38 0	37 0	50 0
Jhang	10 0	9 0	11 8	10 0	10 0	13 0	‡	‡	†	32 0	32 0	60 0
Multán	9 4	8 0	11 0	8 4	8 4	14 8	‡	‡	6 8	50 0	50 0	70 0
Muzaffargarh	9 0	9 8	11 0	§	9 0	§	§	§	§	110 0	110 0	110 0
Dera Gházi Khan ...	9 4	9 4	11 4	‡	‡	†	‡	‡	†	66 0	75 0	90 0

(b) Statement not received.

* No wholesale salt sold. † Not produced. ‡ Not sold.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB :

Lahore, dated the 25th February 1918.

N.B.—Variations in prices are due to fluctuations in

NOTE.—The price of bathu and massar at Simla during the

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH FEBRUARY 1918—CONCLUDED.

14						15			16			17
'HE ORDINARY SEER OF 80 TOLAS.												
Salt.						Gur.			Cotton (unginned).			
Present fortnight ending 15th February 1918.		Past fortnight ending 31st January 1918.		Corresponding fortnight of 15th February 1917.								
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
7 8	7 0	7 8	7 0	16 0	15 0	8 0	8 0	6 8	3 0	3 0	4 0	Hissar.
11 0	10 0	11 0	10 0	16 0	15 0	9 4	9 0	8 8	2 8	3 0	5 0	Rohtak.
8 8	8 0	8 8	8 0	16 8	16 0	8 0	8 0	7 8	3 8	3 8	4 0	Gurgaon.
9 12	9 0	9 12	9 0	15 8	14 12	9 4	9 0	8 0	‡	2 12	4 8	Karnál.
13 5	13 0	10 5	10 0	15 7	15 0	7 0	6 8	6 4	2 8	2 12	4 4	Ambála.
10 0	9 0	8 12	8 0	10 4	9 8	5 0	5 0	5 0	§	§	†	Simla.
												JULLUNDUR.
*	6 0	*	6 0	*	8 0	4 0	4 0	4 0	‡	‡	†	Kángra.
11 0	10 0	10 0	9 0	13 0	12 0	5 8	5 8	5 8	‡	‡	4 8	Hoshiárpur.
13 0	12 0	11 4	10 12	15 0	14 0	6 0	5 0	6 0	2 13	2 12	5 0	Jullundur.
11 0	10 8	11 0	10 8	17 0	16 8	6 8	6 8	6 8	2 8	2 8	3 8	Ludhiána.
11 0	10 8	9 0	8 0	11 8	10 8	6 0	6 0	5 8	2 14	2 14	5 0	Ferozepore.
												LAHORE.
11 8	11 0	10 8	10 0	17 0	16 0	6 8	6 8	7 0	2 12	2 12	3 12	Lahore.
13 5	12 8	11 14	10 0	16 0	14 0	7 4	7 12	7 12	2 8	2 8	4 12	Amritsar.
*	9 0	*	9 0	*	11 0	8 0	8 0	8 0	4 0	4 0	5 0	Gurdáspur.
(b)	(b)	13 0	12 8	14 0	13 8	(b)	7 8	7 0	(b)	3 0	5 0	Siálkot.
14 0	13 8	9 8	9 4	15 0	14 12	7 4	7 4	8 0	3 0	3 0	4 12	Gujránwála.
												RAWALPINDI.
12 0	10 0	10 8	9 8	13 0	12 0	7 0	6 8	6 8	‡	‡	5 0	Gujrát.
12 0	11 0	11 0	10 0	17 0	15 0	7 8	7 8	7 8	2 6	2 8	5 0	Shahpur.
11 8	10 8	11 0	10 8	14 0	13 0	6 0	6 0	6 0	‡	‡	†	Jhelum.
14 12	13 8	13 4	12 4	13 4	12 0	7 4	7 8	6 8	§	§	†	Ráwalpindi.
21 0	20 0	21 0	20 0	*	11 8	8 0	8 0	7 0	4 0	4 0	5 0	Attock.
12 0	12 0	12 0	12 0	14 0	14 0	5 8	5 8	5 8	‡	‡	†	Miánwáli.
												MULTAN.
11 0	10	8 0	7 0	11 0	10 0	7 0	7 0	7 0	2 10	3 0	6 0	Montgomery.
13 0	12	10 0	9 4	14 8	14 0	8 0	8 0	8 0	2 2	§	4 0	Lyallpur.
11 0	10 0	8 14	8 0	12 0	11 8	6 8	6 8	6 8	2 2	2 2	4 4	Jhang.
12 0	11 8	9 8	9 0	13 4	12 12	6 4	6 4	6 12	2 3	2 3	4 0	Multán.
8 8	8 0	8 8	8 0	12 8	12 8	6 0	6 0	6 0	3 0	(a) 6 8	6 0	Muzaffargarh.
9 1	8 12	10 0	9 8	11 12	11 4	6 4	7 0	4 6	3 0	3 0	5 10	Dera Ghází Khan.

§ Not procurable.

(a) Under enquiry.

imports and exports.

fortnight ending 15th February 1918 was 6 seers and 5 seers respectively.

B. D. SINGH, HEAD ASSTT. OF STATISTICS,
Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 8 seers 1 chatak as compared with 8 seers 2 chataks in last fortnight and 9 seers 2 chataks in corresponding period of 1917. The chief variaions in each Division are—

	Same fortnight in 1917. Seers.	C.	Last fortnight. Seers.	C.	This fortnight. Seers.	C.
Rohtak ...	9	0	8	4	8	4
Kángra ...	10	0	6	8	5	8
Gurdáspur ...	10	0	8	8	8	8
Shahpur ...	10	4	9	0	8	10
D. G. Khan ...	9	0	7	8	7	2

Barley.—Prices average 11 seers 4 chataks as compared with 11 seers 11 chataks in last fortnight and 13 seers in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers.	C.	Last fortnight. Seers.	C.	This fortnight. Seers.	C.
Gurgaon ...	13	4	12	0	11	8
Kángra ...	13	0	10	0	9	0
Amritsar ...	14	4	9	12	10	12
Shahpur ...	14	8	11	0	11	0
D. G. Khan ...	13	12	10	8	10	0

Rice.—Prices average 7 seers 1 chatak as compared with 7 seers 1 chatak in last fortnight and 7 seers 8 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers.	C.	Last fortnight. Seers.	C.	This fortnight. Seers.	C.
Ambála ...	8	8	7	12	7	12
Kángra ...	9	0	8	0	8	0
Gujránwála ...	9	4	8	0	7	8
Ráwalpindi ...	7	4	8	0	8	0
D. G. Khan ...	8	12	7	0	6	12

Jowar.—Prices average 10 seers 4 chataks as compared with 10 seers 3 chataks in last fortnight and 13 seers 9 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers.	C.	Last fortnight. Seers.	C.	This fortnight. Seers.	C.
Rohtak ...	17	4	14	0	13	8
Ludhiána ...	15	0	9	8	9	8
Lahore ...	15	0	10	0	10	0
Ráwalpindi ...	14	0	10	12	10	12
D. G. Khan ...	13	12	8	12	7	2

Bajra.—Prices average 10 seers 7 chataks as compared with 10 seers 4 chataks in last fortnight and 13 seers 2 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers.	C.	Last fortnight. Seers.	C.	This fortnight. Seers.	C.
Rohtak ...	17	0	10	8	10	8
Ludhiána ...	11	8	9	8	9	0
Lahore ...	13	0	9	0	9	0
Gujrát ...	14	0	10	0	9	0
D. G. Khan ...	14	0	8	10	8	0

Gram.—Prices average 9 seers 14 chataks as compared with 9 seers 10 chataks in last fortnight and 11 seers 4 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers.	C.	Last fortnight. Seers.	C.	This fortnight. Seers.	C.
Gurgaon ...	13	0	11	8	11	0
Ludhiána ...	12	0	9	8	9	8
Gurdáspur ...	10	8	8	8	9	0
Miánwáli ...	13	0	11	0	11	0
Muzaffargarh ...	11	0	9	8	9	0

Maize.—Prices average 10 seers 6 chataks as compared with 10 seers 7 chataks in last fortnight and 13 seers 13 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers.	C.	Last fortnight. Seers.	C.	This fortnight. Seers.	C.
Ambála ...	15	8	12	0	12	4
Kangra ...	14	0	10	0	9	0
Gurdáspur ...	16	0	11	0	11	0
Gujrát ...	13	0	9	0	8	8
Multán ...	14	8	8	4	8	4

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH FEBRUARY 1918.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	WHOLESALE PRICE PER MAUND OF 82⅔ LBS. OR 40 SEERS OF 80 TOLAS EACH.															
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 0 0	5 0 0	5 1 0	3 5 0	...	2 12 0	3 8 0	3 2 0	3 13 0	5 0 0	6 0 0	5 4 0	5 12 0	7 0 0	5 8 0	45 0 0
Ferozepore ...	2 13 9	5 11 6	4 9 0	3 7 9	...	...	...	3 13 0	3 7 9	7 4 6	6 10 9	..	7 4 6	6 10 9	6 2 6	40 0 0
Lahore ...	2 13 9	5 0 0	5 0 0	3 5 3	3 9 0	3 13 0	4 3 3	4 7 0	3 13 0	5 5 3	5 11 6	4 12 6	6 2 6	8 6 9	5 14 9	35 8 9
Amritsar ...	3 1 3	5 5 0	4 8 0	3 10 0	...	...	...	3 8 9	3 13 0	...	6 5 0	5 4 0	7 8 0	8 0 0	5 2 6	40 0 0
Ráwalpindi ...	...	4 14 0	5 5 3	3 3 9	...	3 10 3	3 8 3	3 9 0	4 1 9	...	5 0 0	4 7 0	...	...	5 5 3	...
Lyallpur ...	...	6 2 0	4 11 0	3 4 0	...	...	...	3 12 0	3 15 0	...	...	...	7 0 0	9 0 0	4 10 0	61 0 0
Multán ...	3 0 0	5 4 0	4 13 0	3 5 3	...	5 8 0	3 14 6	4 11 3	4 3 6	...	6 0 0	4 12 0	7 0 0	6 0 0	6 0 0	49 0 0

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WHOLESALE PRICE PER MAUND OF 82⅔ LBS. OR 40 SEERS OF 80 TOLAS EACH.															
NAME OF DISTRICT.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow).	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	REMARKS.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	3 12 0	65 0 0	5 9 0	13 0 0	16 0 0	3 0 0	50 0 0	1 12 0	...	1 0 0	1 0 0	...	(a)4 8 0	150 0 0	100 0 0	
Ferozepore ...	4 5 3	60 15 3	5 5 3	16 0 0	16 0 0	3 10 3	...	2 3 6	...	1 0 0	...	...	(a)4 6 0	225 0 0	143 0 0	
Lahore ...	4 0 0	67 6 0	5 8 3	13 5 3	21 5 3	3 7 6	38 0 0	2 13 9	1 0 0	1 6 9	...	1 4 0	(a)5 4 0	170 0 0	160 0 0	
Amritsar ...	4 6 0	64 8 0	5 3 0	10 0 0	16 0 0	3 0 0	40 0 0	2 0 0	...	1 6 6	...	1 8 0	(b)4 13 0	...	140 0 0	
Ráwalpindi ...	...	60 15 3	5 11 6	...	...	2 11 6	39 0 0	...	...	2 0 0	...	...	(c)4 12 0	120 0 0	100 0 0	
Lyallpur ...	3 6 0	56 8 0	5 4 0	20 0 0	20 0 0	3 0 0	36 0 0	2 2 0	...	1 0 0	...	1 4 0	(d)4 14 0	220 0 0	120 0 0	
Multán ...	3 7 0	55 0 0	5 4 0	12 0 0	22 8 0	3 5 3	40 0 0	2 9 0	1 2 0	1 2 3	..	...	(a)5 14 0	...	105 0 0	

Quotations have not been shown in cases in which there have been no wholesale transactions.

NOTE.—Prices of rice as shown in the statement are for the quality in common demand.

N.B.—Variations in prices are due to fluctuations in imports and exports.

(a) Elephant Brand. (b) Monkey Brand. (c) Victoria Brand. (d) Deer Mark.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB ;

Lahore, dated the 25th February 1918.

MAHBUB SHAH, SUPDT.,

Office of Director of Land Records, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fatahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hissar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hansi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Budhlada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rohtak.	Rohtak	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	...	...	...
	Sampla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhajjar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...
	Salhawas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Beri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonepat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...
Gurgaon.	Farrukhnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...
	Jatusana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rewari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...
	Khol	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Taoru	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nuh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Firozpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hasanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hattin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...
	Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·28	...	...	...
	Punahana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·00	...	...	...
	Ballabgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...
Karnal.	Panipat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karnal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...
	Rajaund	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kaithal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thanesar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ambala.	Jagadhri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ambala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...
	Naraingarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kharar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...
	Rupar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	0·06	...	...
	Kasauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	0·22	...	...
	Dadupur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla.	Paranli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	C·20	...	...	...	...
	Simla	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	0·25	0·10	...	...
	Kot Khai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...
	Kotgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·28	...	...	...	...
	Kilba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·60	...	...

C—Denotes canal
?—Indicates that no

IN THE PUNJAB FOR THE MONTH OF JANUARY 1918.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st January 1918.	Average rainfall from 1st October up to 31st January.	Station.	District.
	0·20	..	...	...	..		...	...	...	1	1·4	0·20	0·61	0·20	4·39	1·15	Sirsa	Hissar.
	0·29	...	...	..	..		...	...	...	1	1·5	0·29	0·68	0·29	4·87	1·17	Fatahabad	
...	0·32	...		...	...			...	...	1	1·6	0·32	0·69	0·32	7·13	1·32	**Hissar**	
...	0·45	..	...	..	..	...	...	...	...	1	1·5	0·45	0·75	0·45	8·25	1·23	Hansi	
...	0·35	...	...	..	...	...	...	...	...	1	1·2	0·35	0·59	0·35	2·95	1·23	Bhiwani	
...		...	..	..		...	...	...		Nil	1·5	Nil	0·78	Nil	7·31	1·38	Budhlada	
..	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·71	Nil	3·37	1·19	Tohana	
...	1·00	...	...	...	...	...	...	.	...	1	1·6	1·00	0·70	1·00	2·65	1·50	**Rohtak**	Rohtak.
...	0·75	...	...	...	...	...	..		...	2	1·6	0·86	0·87	0·75	5·30	1·61	Gobana	
...	0·45	...	...	...	...	..			...	1	1·4	0·45	0·77	0·45	3·45	1·38	Sampla	
...	0·57	...	...	...	...		...	...	...	1	1·5	0·59	0·81	0·57	4·10	1·47	Jhajjar	
..	0·50	...		...	...		...	...	...	1	0·6	0·50	0·37	0·50	3·39	1·16	Salhawas	
0·85	...	...			...	...		...	...	1	?	0·85	?	0·85	2·88	?	Beri	
...	0·60	0·05	...	...	...		...	...	...	1	1·6	0·70	0·91	0·60	2·52	1·77	Sonepat	
	0·35	...		.	..	...	..	...	...	2	1·7	0·45	0·93	0·35	1·75	1·60	Farrukhnagar	Gurgaon.
...	0·20			...	...	...	..	...	...	1	1·4	0·20	0·62	0·20	1·10	1·25	Jatusana	
...	0·24	...	...	...	...	...	...	...	...	2	1·4	0·39	0·65	0·24	4·50	1·37	Rewari	
	0·24	...	...	...	...	...	...	...	...	1	1·0	0·24	0·66	0·24	2·67	1·39	Khol	
...	0·37	...	...	...		...	...	...	...	1	1·7	0·37	0·75	0·37	1·82	1·67	Tauru	
...	0·48		...	...		...	...	...	...	1	1·4	0·48	0·59	0·48	2·53	1·51	Nuh	
...	0·52		...	...	..	..	...	..		1	1·0	0·52	0·42	0·52	2·24	1·23	Firozpur	
...	1·20	.		...	...		...	...	...	1	?	1·20	?	1·20	1·40	?	Hasanpur	
...	1·00	...	...	..	..	..	..	...		1	1·3	1·00	0·53	1·00	1·60	1·41	Hattin	
...	0·62	...	...	...	...	...	...			1	1·3	0·62	0·58	0·62	3·04	1·50	Palwal	
...	0·28	...	..	...	...	...				1	1·2	0·35	0·70	0·28	2·64	1·57	Sohana	
	0·28	...		...	...	.	...	...	...	2	2·0	0·56	0·84	0·28	3·44	1·75	**Gurgaon**	
	...	...	...	...		...	...	...	..	1	1·3	1·00	0·53	1·00	2·50	1·77	Punahana	
	0·41	...		...	...	...	...	...		1	1·7	0·44	0·72	0·41	2·99	1·54	Ballabgarh	
...	0·73	...	..		...	...	..	..	.	1	2·0	0·73	0·90	0·73	3·70	1·69	Panipat	Karnal.
	0·30	0·04	...	...	...	...	...	.	...	1	2·7	0·42	1·37	0·30	6·40	2·40	**Karnal**	
...	0·30	...	...	...	...	...	...	...	...	1	1·7	0·30	0·74	0·30	4·40	1·32	Rajaund	
...	0·17	...	..	..		...	...	...	...	1	1·9	0·17	1·10	0·17	6·18	1·59	Kaithal	
0·10		...	...	...	...		...	...	...	1	2·2	0·10	1·09	0·10	8·93	1·68	Gulah	
	0·19	...	...	..		...	.	...	...	1	2·0	0·19	1·23	0·19	6·63	2·03	Thanesar	
	0·22	...	...	.				.	...	1	2·5	0·22	1·76	0·22	10·14	2·89	Jagadhri	Ambala.
	0·21	...		.			...	...	...	1	2·7	0·24	1·51	0·21	8·14	2·54	**Ambala**	
...	0·32	0·04	...	...	...		...	...	...	1	2·5	0·36	1·65	0·32	9·09	2·96	Naraingarh	
...	0·31	0·08	...		..	...	...	..		1	2·5	0·44	1·70	0·31	7·68	2·74	Kharar	
...	0·29	...		..	.	...	...	...		1	2·8	0·38	1·60	0·29	8·89	2·79	Rupar	
...	0·44	...	...	...	...	...	...	...	...	3	3·7	0·86	2·52	0·44	14·05	4·56	Kasauli	
...	0·30	0·10	...	...	...	...	...	.		2	3·2	0·40	1·78	0·30	10·50	3·36	Dadupur	
...	0·62	...	...	...	...	..	...	...	...	2	4·1	0·85	2·47	0·62	8·93	4·20	Barauli	Simla.
...	0·45	0·11	0·01	..	...	...	...	...	...	4	4·9	0·95	2·50	0·45	8·46	4·94	Simla	
0·30	0·18	...	...	...	...	..	..	...	...	3	4·0	0·60	2·37	0·30	7·76	4·39	Kot Khai	
0·50	...	...	...	...	...	...	...	...	...	2	3·7	0·78	2·26	0·50	8·64	4·47	Kotgarh	
...	0·60	0·10	...	...	...	.	...	...	...	3	6·2	4·50	3·88	3·60	5·80	7·33	Kilba	

rain-gauge station.
averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station	1st.	2nd.	3rd	4th.	5th	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jind State.	Dhamtan C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Safidon C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikaner State.	Chhani C ...																		Statement not			
Patiala State.	Kotra C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jodhpur C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	...	...	...
	Ranki C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lehal C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujran C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Barthala C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nabha State.	Dadahur C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bandher C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kangra.	Banjar (Saraj Tahsil)	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	0·24	...	...	...
	Kulu	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	0·44	...	...	...
	Nagar	...	...	...	...	...	...	...	...	...	...	...	...	0·03	0·02	...	...	...	0·20	...	...	...
	Palampur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·70	...	...	...
	Hamirpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	0·22	...	...
	Dera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...
	Kangra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·19	...	...	...
	Dharmsala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·37	...	...	...
	Nurpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	...	...
Hoshiarpur.	Dasuya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Una	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Garhshankar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...
	Hoshiarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tanda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jullundur.	**Jullundur**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nakodar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*R*	...	...	...
	Phillaur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...
	Nawashahr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*R*	...	...	...	...
Ludhiana.	Samrala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...
	Jagraon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Zira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore Sadr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...
	Ferozepore City	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...
	Muktsar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...
	Fazilka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nathana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Abohar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gobindgarh C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	...	...
	Phidda C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·76	...	...	...	...

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Punjab for the month of January 1918—continued

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st January 1918.	Average rainfall from 1st October up to 31st January.	Station.	District.
...		...	...	...	...	...	...	...	...	Nil	1·6	Nil	0·84	Nil	11·78	1·51	Dhaneta *C*	Jind State.
0·20	...	...		...	...	...	...		...	1	1·9	0·20	1·00	0·20	4·20	1·81	Safidan *C*	
...	...	...	...	...	...	...	...	...	...	Nil	**1·7**	Nil	**0·92**	Nil	**4·90**	**1·47**	**Jind *C***	
recei	ved.																Chhani *C*	Bikaner State.
...	0·30	...	...		...	...	...	...		1	1·7	0·30	0·69	0·30	7·82	1·15	Kotra *C*	Patiala State.
...	...	...	...	...	...	...	...	...	...	1	1·5	0·14	0·76	0·14	3·95	1·41	Jodhpur *C*	
0·47	...	...	...	...	...	...	...	...	...	1	1·7	0·47	0·82	0·47	7·61	1·47	Raniki *C*	
...	...	...	...	...	...	...	...	...	...	Nil	3·1	Nil	1·39	Nil	9·95	2·34	Lehal *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·8	Nil	0·89	Nil	10·85	1·68	Gujran *C*	
...	...	...	...	...	...	...	...	...	...	Nil	2·1	Nil	1·29	Nil	8·02	2·31	Barthala *C*	
0·17	...	...	...	...	...	...	...	...	...	1	2·1	0·17	0·97	0·17	4·18	1·68	Dadahur *C*	Nabha State.
...	0·40	...	...	...	...	...	...	...	...	1	1·8	0·40	0·83	0·10	5·90	1·34	Bundher *C*	
...	0·35	0·21	...	...	...	...	...	...	...	4	5·2	1·00	3·13	0·35	10·47	5·53	Banjar (Saraj Tahsil)	Kangra.
...	0·17	0·32	...	...	...	...	...	...	...	3	6·1	0·99	4·45	0·44	8·93	7·57	Kulu	
...	0·10	0·65		...	...	...	...	...	...	3	7·1	1·00	5·43	0·65	7·34	9·19	Nagar	
...	0·32	0·56	...	...	...	...	...	...	...	3	6·0	1·58	4·94	0·70	7·90	8·08	Palampur	
...	0·39	0·12	...	...	...	...	...	...	...	3	4·3	0·80	2·82	0·39	7·04	4·52	Hamirpur	
...	0·24	0·08	...	...	...	...	...	...	...	1	3·9	0·35	2·70	0·24	7·16	4·38	Dera	
...	0·18	0·23	...	...	...	...	...	...	...	3	4·7	0·60	3·14	0·23	5·39	5·31	Kangra	
...	0·21	0·50	...	...	...	...	...	...	...	3	**6·1**	**1·08**	**4·92**	**0·50**	**6·75**	**7·98**	**Dharmsala**	
...	0·11	0·13	...	...	...	...	...	...	...	3	4·4	0·41	3·52	0·17	6·90	5·87	Nurpur	
...	0·21	0·03	...	...	...	...	...	...	...	1	3·0	0·24	2·02	0·21	8·22	3·29	Dasuya	Hoshiarpur.
...	0·23	0·10	...	...	...	...	...	...	...	2	3·3	0·41	2·14	0·23	9·29	3·37	Una	
0·20	...	...	...	...	...	...	...	...	...	1	3·2	0·20	1·93	0·20	8·23	3·12	Garhshankar	
...	0·22	...	...	...	...	...	...	...	...	**1**	**3·5**	**0·22**	**2·10**	**0·22**	**7·33**	**3·63**	**Hoshiarpur**	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	Tanda	
...	0·10	0·04	...	...	...	...	...	...	...	**1**	**2·8**	**0·14**	**1·56**	**0·10**	**6·43**	**2·60**	**Jullundur**	Jullundur.
...	...	0·04	...	...	...	...	...	...	...	Nil	2·3	0·07	1·14	0·04	6·07	1·89	Nakodar	
...	0·24	...	...	...	...	...	...	...	...	1	2·5	0·24	1·32	0·24	6·74	2·34	Phillaur	
...	0·17	...	...	...	...	...	...	...	...	1	2·8	0·17	1·73	0·17	8·05	2·79	Nawashahr	
...	0·02	0·01	...	...	...	...	...	...	...	Nil	2·6	0·05	1·31	0·02	8·22	2·36	Samrala	Ludhiana.
...	0·26	...	...	...	...	...	...	...	...	**1**	**2·5**	**0·26**	**1·49**	**0·26**	**7·94**	**2·48**	**Ludhiana**	
...	...	...	...	...	...	...	...	...	...	Nil	2·0	Nil	1·09	Nil	5·39	1·76	Jagraon	
...	...	...	...	...	...	...	...	...	...	Nil	1·7	0·06	0·91	0·06	5·70	1·56	Moga	Ferozepore.
...	...	...	...	...	...	...	...	...	...	Nil	1·9	0·07	0·97	0·07	8·87	1·60	Zira	
...	...	...	...		...	...	...	...	...	**1**	**2·0**	**0·12**	**0·94**	**0·012**	**3·58**	**1·53**	**Ferozepore Sadr**	
...	...	...	...	...	...	...	...	...	...	Nil	2·3	Nil	1·20	Nil	3·63	1·89	Ferozepore City	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·59	Nil	3·70	1·00	Muktsar	
...	...	...	...	...	...	...	...	...	...	Nil	1·7	Nil	0·64	Nil	0·78	1·02	Fazilka	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·59	Nil	4·25	1·06	Nathana	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·84	Nil	2·26	1·11	Jalalabad	
...	...	...	...	...	...	...	...	...	...	Nil	?	0·09	?	0·09	2·40	?	Abohar	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·51	Nil	2·48	0·86	Gobindgarh *C*	
...	...	...	...	...	...	...	...	...	...	1	1·7	0·76	0·84	0·76	6·51	1·33	Phidda *C*	

rain-gauge station.
rainfall.
averages have been fixed.

Table of Rainfall recorded at Stations in

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Lahore.	Van C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...
	Chunian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	0·22	...	...
	Kasur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...
	Pambe C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...
	Niazbeg C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...
	Lahore Cant. C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·30	...	...
	Manihala C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dafthu C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nijabat C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·26	...	...
Amritsar.	Buchar C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khara C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tarn Taran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...
	Raya C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar Jail Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	0·10	...	...
	Amritsar C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...
	Buggeh C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ajnala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	...	...
Gurdaspur.	Aliwal C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Batala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tibri C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdaspur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pathankot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	C·20	0·40	...
	Madhopur C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shakargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	...	...	...	...
Sialkot.	Zafarwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	...	...	...	0·04	...	...
	Pasrur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·26	...	...	...	...	...	...
	Raya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Daska ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·39	...	...	...	...	...	...
	Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·29	...	...	...	...	...	...
Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...
	Wazirabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...
	Sheikhupura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hafizabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khangah Dogran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	...	...
	Sharakpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·24	...	...
	Shahjamal C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...
	Pacca Dalla C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Feroz C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gujrat.	Sadr (Gujrat) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	0·10	...	...	...	...	...
	Kharian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·28	0·20	...	...	...	...	...
	Phalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...
Shahpur.	Midh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sahiwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nurpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sakesar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Naushehra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shahpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...
	Sargodha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...

C—Denotes

Punjab for the month of January 1918.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st January 1918.	Average rainfall from 1st October up to 31st January.	Station.	District.
...	...	...	...	...	...	...	...	...	...	1	2·2	0·15	0·92	0·15	0·55	1·53	Van *C*	Lahore.
...	...	...	...	...	...	...	...	...	...	1	1·5	0·26	0·77	0·22	0·26	1·20	Chunian	
...	...	...	...	...	...	...	...	...	...	1	1·6	0·30	0·82	0·30	2·61	1·47	Kasur	
...	...	...	...	...	...	...	...	...	...	1	2·3	0·30	0·87	0·30	0·80	1·46	Pambe *C*	
...	...	...	...	...	...	...	...	...	...	Nil	2·2	Nil	1·09	Nil	1·05	1·84	Niazbeg *C*	
...	...	...	...	...	...	...	...	...	...	1	2·0	0·10	0·95	0·10	1·25	1·70	**Lahore**	
...	...	...	...	...	...	...	...	...	...	1	2·6	1·30	1·28	1·30	2·40	2·07	Lahore Cant. *C*	
...	...	...	...	...	...	...	...	...	...	Nil	2·3	Nil	1·26	Nil	4·55	1·77	Manihala *C*	
...	...	...	...	...	...	...	...	...	...	Nil	2·1	Nil	0·89	Nil	1·30	1·53	Dafthu *C*	
...	...	...	...	...	...	...	...	...	...	1	1·3	0·26	0·68	0·26	1·50	1·27	Nijabat *C*	
...	...	...	...	...	...	...	...	...	...	Nil	2·8	Nil	1·39	Nil	3·00	2·13	Buchar *C*	Amritsar.
...	...	...	...	...	...	...	...	...	...	Nil	1·8	Nil	0·90	Nil	8·80	1·42	Khara *C*	
...	...	...	...	...	...	...	...	...	...	Nil	2·3	0·03	1·44	0·03	9·70	2·14	Tarn Taran	
...	...	...	...	...	...	...	...	...	...	Nil	2·5	Nil	1·51	Nil	7·90	2·30	Raya *C*	
...	...	...	...	...	...	...	...	...	...	1	2·9	0·12	1·57	0·10	3·81	2·46	Amritsar Jail Hospital	
...	...	...	...	...	...	...	...	...	...	1	2·5	0·10	1·30	0·10	5·37	2·20	**Amritsar *C***	
...	...	...	...	...	...	...	...	...	...	Nil	2·2	Nil	1·56	Nil	3·50	2·35	Buggeh *C*	
...	...	...	...	...	...	...	...	...	...	1	2·5	0·14	1·35	0·14	3·69	2·03	Ajnala	
...	...	...	...	...	...	...	...	...	...	Nil	3·2	Nil	1·69	Nil	5·42	2·69	Aliwal *C*	Gurdaspur.
...	...	...	...	...	...	...	...	...	...	Nil	2·7	Nil	1·89	Nil	7·95	2·85	Batala	
...	...	...	...	...	...	...	...	...	...	Nil	3·5	Nil	2·24	Nil	6·45	3·56	Tibri *C*	
...	...	...	...	...	...	...	...	...	...	Nil	3·0	Nil	2·19	Nil	7·10	8·47	**Gurdaspur**	
...	0·05	...	...	...	...	...	...	...	...	Nil	3·4	0·05	2·93	0·05	7·86	4·46	Pathankot	
...	...	0·40	0·80	...	...	...	...	...	...	4	5·5	1·80	5·17	0·80	11·97	9·00	Dalhousie	
0·10	...	...	...	...	...	...	...	...	...	1	4·5	0·10	3·50	0·10	8·43	5·55	Madhopur *C*	
...	...	...	...	...	...	...	...	...	...	1	3·3	0·17	2·29	0·17	8·62	3·49	Shakargarh	
...	...	...	...	...	...	...	...	...	...	1	3·2	0·27	2·09	0·23	4·39	3·17	Zafarwal	Sialkot.
...	...	...	...	...	...	...	...	...	...	1	2·7	0·26	1·72	0·26	5·35	2·74	Pasrur	
...	...	...	...	...	...	...	...	...	...	Nil	2·8	Nil	1·47	Nil	2·75	2·25	Raya	
...	...	...	...	...	...	...	...	...	...	1	2·6	0·39	1·46	0·39	2·91	2·44	Daska	
...	...	...	...	...	...	...	...	...	...	1	3·3	0·29	2·05	0·29	3·93	3·20	**Sialkot**	
...	...	...	...	...	...	...	...	...	...	Nil	2·1	0·06	1·22	0·06	1·21	2·05	Ramnagar	Gujranwala.
...	...	...	...	...	...	...	...	...	...	1	2·5	0·20	1·35	0·20	1·27	2·34	Wazirabad	
...	...	...	...	...	...	...	...	...	...	Nil	2·7	Nil	1·43	Nil	1·10	2·45	**Gujranwala Sadr Kacheri.**	
...	...	...	...	...	...	...	...	...	...	Nil	1·8	Nil	0·92	Nil	0·25	1·52	Sheikhupura	
...	...	...	...	...	...	...	...	...	...	1	2·2	0·11	1·04	0·11	0·30	1·83	Hafizabad	
...	...	...	...	...	...	...	...	...	...	1	2·0	0·24	0·91	0·24	0·34	1·81	Khangah Dogran.	
...	...	...	...	...	...	...	...	...	...	Nil	2·0	0·05	0·85	0·05	0·39	1·33	Sharakpur	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·41	?	Shahjamal *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·71	Nil	Nil	1·18	Pacca Dalla *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·5	Nil	0·67	Nil	Nil	1·04	Feroz C	
...	...	...	...	...	...	...	...	...	...	2	2·9	0·30	1·75	0·20	2·22	2·91	**Sadr (Gujrat)**	Gujrat.
...	...	...	...	...	...	...	...	...	...	2	3·0	0·48	2·01	0·28	3·82	3·27	Kharian	
...	...	...	...	...	...	...	...	...	...	1	2·4	0·25	1·37	0·25	0·98	2·24	Phalia	
...	...	...	...	...	...	...	...	...	...	Nil	2·3	Nil	1·19	Nil	Nil	1·76	Midh	Shahpur.
...	...	...	...	...	...	...	...	...	...	Nil	1·6	Nil	0·69	Nil	0·10	1·17	Sahiwal	
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·57	Nil	Nil	0·96	Nurpur	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·71	Nil	1·20	1·25	Sakesar	
...	...	...	...	...	...	...	...	...	...	Nil	2·4	Nil	1·31	Nil	1·59	2·19	Naushehra	
...	...	...	...	...	...	...	...	...	...	Nil	1·5	Nil	0·65	Nil	0·42	1·23	Khushab	
...	...	...	...	...	...	...	...	...	...	Nil	1·7	0·05	0·76	0·05	0·42	1·47	**Shahpur**	
...	...	...	...	...	...	...	...	...	...	Nil	2·0	Nil	1·06	Nil	0·40	1·70	Bhera	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	0·06	0·52	0·06	0·60	1·13	Sargodha	

rain-gauge station.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jhelum.	Bhalwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	...	...	...
	Pind Dadan Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...
	Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	0·17	...	...	...
	Chakwal	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...
Rawalpindi.	**Rawalpindi**	...	...	...	...	...	...	...	...	...	...	...	...	...	0·19	...	...	...	...	...	...	...
	Gujar Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	0·39	...	...	...
	Kahuta	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	0·42	...	...	...
	Murree	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	0·60	...	...	...
Attock.	Talagang	...	...	...	...	...	...	...	...	...	...	...	...	...	R	...	...	...	...	...	...	...
	Pindigheb	...	...	...	...	...	...	...	...	...	...	...	...	R	...	...	...	...	...	...	...	...
	Fatehjang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Attock	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	...	...	...	...	...
Mianwali.	**Mianwali**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Isa Khel	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhakkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...	...
Montgomery.	Gugera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	0·02	...	...	...
	Pakpattan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	...	...	...
	Dipalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	0·17	...	...	...
Lyallpur.	Toba Tek Singh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Samundri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	0·09	...	...	...
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jaranwala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	...	...	...
	Lyallpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tarkhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...
	Muridwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wariam *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Badwali *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhang.	Shorkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...
	Jhang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chiniot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...
	Laklani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sandyanwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan.	Mailsi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...
	Lodhran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...	...
	Shujabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...
	Kabirwala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muzaffargarh.	Alipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sinanwan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	0·08	...	...	...
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·02	...	...	...	...
Dera Ghazi Khan.	Taunsa (Sanghar Tahsil).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...
	Dera Ghazi Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...
	Fort Munro	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jampur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...
	Rajanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—Denotes canal
R—Denotes slight

The Assistant Commissioner, Kulu (District Kangra), reports

Punjab for the month of January 1918—concluded.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st January 1918.	Average rainfall from 1st October up to 31st January.	Station.	District.
...	...	...	...	...	...	...	...	...	...	1	?	0·11	?	0·11	0·97	?	Bhalwal	Jhelum.
...	...	...	...	...	...	...	...	...	...	Nil	2·3	0·08	1·29	0·08	1·74	2·21	Pind Dadan Khan	
...	...	...	...	...	...	...	...	...	...	2	3·1	0·67	2·04	0·50	4·19	3·30	**Sadr Station (Jhelum)**	
...	...	...	...	...	...	...	...	...	...	Nil	2·7	0·04	1·30	0·04	2·26	2·34	Chakwal	
...	...	...	...	...	...	...	...	...	...	1	4·1	0·19	2·64	0·19	4·32	4·55	**Rawalpindi**	Rawalpindi.
...	...	...	...	...	...	...	...	...	...	2	3·8	0·51	2·37	0·39	3·72	4·06	Gujar Khan	
...	...	...	...	...	...	...	...	...	...	1	4·4	0·45	3·03	0·42	4·10	5·28	Kahuta	
...	...	...	...	...	...	...	...	...	...	2	3·9	1·10	3·22	0·60	2·98	7·01	Murree	
...	...	...	...	...	...	...	...	...	...	Nil	2·2	Nil	1·14	Nil	2·37	2·14	Talagang	Attock.
...	...	...	...	...	...	...	...	...	...	Nil	2·3	Nil	1·29	Nil	2·46	2·43	Pindigheb	
...	...	...	...	...	...	...	...	...	...	Nil	3·1	Nil	2·03	Nil	2·81	3·56	Fatehjang	
...	...	...	...	...	...	...	...	...	...	Nil	3·6	0·09	2·13	0·09	2·97	3·40	**Attock**	
...	...	...	...	...	...	...	...	...	...	Nil	1·5	Nil	0·84	Nil	0·48	1·43	**Mianwali**	Mianwali.
...	...	...	...	...	...	...	...	...	...	Nil	1·5	Nil	0·75	Nil	0·30	1·38	Isa Khel	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	0·08	0·45	0·08	0·17	0·72	Bhakkar	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·60	Nil	0·10	0·93	Gugera	Montgomery.
...	...	...	...	...	...	...	...	...	...	Nil	1·3	0·08	0·45	0·06	0·32	0·84	**Montgomery**	
...	...	...	...	...	...	...	...	...	...	1	1·1	0·23	0·46	0·23	0·35	0·73	Pakpattan	
...	...	...	...	...	...	...	...	...	...	1	1·5	0·26	0·62	0·17	0·58	0·93	Dipalpur	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·34	Nil	Nil	0·93	Toba Tek Singh	Lyallpur.
...	...	...	...	...	...	...	...	...	...	Nil	1·1	0·13	0·51	0·09	0·13	0·83	Samundri	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·50	Nil	Nil	0·96	**Lyallpur**	
...	...	...	...	...	...	...	...	...	...	1	?	0·11	?	0·11	0·15	?	Jaranwala	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·41	Nil	Nil	0·67	Lyallpur *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	0·03	0·31	0·03	0·03	0·59	Tarkhani *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·27	Nil	Nil	0·47	Muridwala *C*	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	Wariam *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·6	Nil	0·84	Nil	Nil	1·23	Badwali *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	0·03	0·40	0·03	0·05	0·68	Shorkot	Jhang.
...	...	...	...	...	...	...	...	...	...	Nil	1·5	Nil	0·51	Nil	0·30	0·86	**Jhang**	
...	...	...	...	...	...	...	...	...	...	Nil	1·5	0·08	0·60	0·08	0·40	1·08	Chiniot	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·42	Nil	Nil	0·73	Laklani *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·43	Nil	Nil	0·62	Sandyanwala *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	0·04	0·26	0·04	0·04	0·52	Mailsi	Multan.
...	...	...	...	...	...	...	...	...	...	Nil	0·8	0·07	0·38	0·07	0·07	0·62	Lodhran	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·27	Nil	Nil	0·52	Shujabad	
...	...	...	...	...	...	...	...	...	...	Nil	1·1	0·03	0·40	0·03	0·03	0·74	**Multan**	
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·31	Nil	Nil	0·57	Kabirwala	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·28	Nil	Nil	0·51	Alipur	Muzaffargarh.
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·32	Nil	0·04	0·68	**Muzaffargarh**	
...	...	...	...	...	...	...	...	...	...	1	1·0	0·19	0·33	0·11	0·30	0·63	Sinanwan	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	0·02	0·47	0·02	0·08	0·78	Leiah	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	0·04	0·53	0·04	0·04	0·80	Taunsa (Sanghar Tahsil)	Dera Ghazi Khan.
...	...	...	...	...	...	...	...	...	...	Nil	1·4	0·04	0·44	0·04	0·11	0·81	**Dera Ghazi Khan**	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·28	Nil	Nil	0·76	Fort Munro	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	0·05	0·27	0·05	0·05	0·56	Jampur	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·31	Nil	Nil	0·51	Rajanpur	

rain-gauge station.
rainfall.
that snowfall during the month was below average, but more than last year.

MAHBUB SHAH, SUPERINTENDENT,
Office of Director of Land Records, Punjab.

Notes on the condition and prospects of crops, etc., in each district of the Punjab for the month of January 1918

1.—Hissar District.

Slight rain throughout the district and benefited the standing rabi crops, which are in good condition. Cattle in good condition, fodder sufficient. Public health generally good. Water in perennial canals sufficient. Weather clear and cool. Prices stationary.

2.—Rohtak District.

Rainfall was beneficial to standing crops. Irrigated sugarcane is in fairly good condition. Wheat, gram and barley are also in good condition. Yield expected to be good. Cattle generally in good condition. Supply of fodder and canal water is adequate. Health of people is generally good. Prices are between normal and warning rates. Export of food-grains continued.

3.—Gurgaon District.

Slight rain fell during the month but it was very beneficial for the standing rabi crops. Winter rains are needed. Condition of spring crops generally good and yield is expected to be good. Cattle in good condition. Fodder and water sufficient. Health of people poor. Canal running. Supply of water sufficient.

4.—Karnal District.

Slight rain fell during the month which was beneficial for the standing crops. Ploughing for extra rabi crops is in progress. The condition of crops is good. Rain is needed. Slight damage was done to sarson crop by frost. The expected yield of irrigated crop is good and of unirrigated average. The condition of cattle is good. Fodder and water sufficient except in Sub-Tahsil Guhla where scarcity of fodder is beginning to be felt. The state of public health is generally good. Canals worked satisfactorily. No inundation.

5.—Ambala District.

Rainfall slight during the month which benefited the standing crops. Rain is badly wanted. Condition of the standing crops on irrigated lands is good and on unirrigated average. Pressing of sugarcane in progress. Harvesting of toria finished. Yield of both average. Cattle generally are in good condition. Fodder and water supply sufficient. Public health generally good. Western Jumna Canal flowed continuously and water adequate for irrigation purposes. Prices stationary.

6.—Simla District.

Rain in both tahsils sufficient. No sowings in progress. Condition of crops in Simla Tahsil good and in Kot Khai poor. Condition of cattle good. Fodder and grazing sufficient. Public health good. Water in hill streams sufficient.

7.—Kangra District.

Rainfall during the month was slight but consisted of a steady drizzle which did considerable benefit to the standing crops. More rain is badly wanted. The crops are in fair condition at present. Cattle are generally in fair condition. Fodder is generally sufficient. Public health is generally good. Water in kuhls and streams was sufficient for irrigation purposes. Prices of food-grains are rising.

8.—Hoshiarpur District.

No sowings were made during the month. Standing crops being affected by frost. Rain badly wanted. Sugarcane outturn average. Fodder scanty. Shahnahr Canal closed. Prices rising.

9.—Jullundur District.

Rainfall much below the average. More rain as wanted. No sowings were made. The condition of the standing irrigated rabi crops is good and that of unirrigated fair. The outturn of both irrigated and unirrigated sugarcane is good. Cattle in good condition. Fodder moderate and water sufficient. Public health is generally good.

10.—Ludhiana District.

Only a few showers fell in Samrála and Ludhiána Tahsils which are quite insufficient and the crops have suffered much from want of rainfall. The condition of crops is becoming worse from want of rainfall. The outturn of sugarcane is fair. Fodder is getting scarce and cattle are suffering in consequence. The excessive rainfall in last summer washed away

the lands prepared for rabi sowings. The copious rainfall at the end of October did much damage to areas which had been sown up to that date and delayed rabi sowings after that date. Wheat and gram crops are very poor.

11.—FEROZEPORE DISTRICT.

Light rain fell in some parts of the district, which proved useful for the standing crops. More rain, however, is badly wanted. Condition of crops is generally good, though crops on stiff unirrigated soil have commenced suffering from want of rain. The condition of cattle is good. Dry fodder is sufficient except in Bet tracts. The state of public health is generally good. Sirhind Canal remained closed on account of silt clearance.

12.—LAHORE DISTRICT.

Some light showers fell in the month in all the tahsils of the district. Standing rabi crops average. Rain is badly wanted. The yield of sugarcane average. The condition of cattle average. Fodder and water sufficient. Public health average. Canal watar supply sufficient.

13.—AMRITSAR DISTRICT.

Wheat was sown in the beginning of this month to some extent. The condition of standing crops is average. Condition of cattle average. Public health generally good. Canals are working by rotation. No complaint. No flood in rivers.

14.—GURDASPUR DISTRICT.

There was practically no rainfall in the district. No sowings in this month. The condition of standing crops is still above average, but rain is badly wanted. Pressing of sugarcane continues, outturn is average. The condition of cattle is generally good. Fodder is insufficient. Canals are flowing but irrigation not done. Prices have risen to some extent.

15.—SIALKOT DISTRICT.

Rain wanted. Sowing of fodder crops and vegetables continued in Tahsil Raya Condition of standing crops average. Yield of sugarcane average. Condition of cattle weak on account of cold and scarcity of fodder. Public health good. Canal remained closed. No floods, jhalari irrigation from Aik continued.

16.—GUJRANWALA DISTRICT.

No rainfall during this month at Gujránwála and Sheikhupura. At other places the rainfall was below normal and is badly wanted. The condition of irrigated crops is fair and of unirrigated crops below average. Outturn of sugarcane is below normal and of toria normal. The condition of cotton is fair. Grazing is insufficient for want of rain. Sugarcane is being used as fodder. The state of public health is generally good. Irrigation by canal is done by rotational turns. Water-supply sufficient.

17.—GUJRAT DISTRICT.

Slight rain received during the month. More rain wanted. The condition of crops on irrigated lands is average and that on barani lands fair. Sugarcane pressing is in progress in certain tracts. Estimated yield above average.

18.—SHAHPUR DISTRICT.

There has been a very slight rainfall during the month. It is wanted generally Condition of standing crops was generally good on irrigated and normal on unirrigated areas. Pressing of cane is continued. Harvesting of toria and picking of cotton is finished. Outturn of toria is normal, and that of cane and cotton is below normal. Condition of cattle was generally good. Fodder sufficient. Condition of public health is generally good. Lower Jhelum Canal continued to flow up to first half of the month.

19.—JHELUM DISTRICT.

Some slight showers were received during the month. No further sowings took place. Standing crops good at present. Cattle in good condition. Fodder is sufficient. Prices rising.

20.—RAWALPINDI DISTRICT.

Very slight rain fell which did not help further sowings. Condition of standing crops good. Cattle in good condition. Fodder sufficient. Public health good.

21.—ATTOCK DISTRICT.

The rainfall during the month has been below average throughout the district. The condition of the standing crops is good, but rain is wanted now. Cattle good. Public health generally good. Water is sufficient. Prices stationary.

22.—MIANWALI DISTRICT.

It rained slightly one day only in Bhakkar Tahsil during the month. The condition and expected outturn of standing crops are average. Cattle in fair condition. Fodder and grazing are procurable. The Kurram Canals are watering lands in Isa Khel and Nammal Canal in Miánwáli Tahsils sufficiently.

23.—MONTGOMERY DISTRICT.

No sowings were made during this month. Condition and expected yield of crops is average. Condition of cattle is good. Fodder is sufficient. Public health not good. All the canals, but Lower Bari Doab Canal, dried up. No floods in river. Prices high.

24.—LYALLPUR DISTRICT.

No sowings during the month. The condition of standing crops generally good Toria harvesting finished. Yield found to be 5 to 6 maunds an acre. Sugarcane pressing continued. The condition of cattle is generally good. Fodder sufficient. The state of public health is generally good. Canal working satisfactorily.

25.—JHANG DISTRICT.

Slight rain benefited the standing crops which are generally in good condition. Yield of mash, til and toria in Shorkot is normal and that of toria in Chiniot Tahsil below average. Public health good. Canals flowing. There was a slight flood in the river. Prices are high.

26.—MULTAN DISTRICT.

Practically the month was a dry one and no sowings were done except sowings of cane on a small area in Mailsi. The condition of irrigated rabi crops is average to good while that of unirrigated is average. The outturn of cotton and til was average. Condition of cattle generally good. Fodder sufficient. Public health generally good. The Sidhnai Canal was working by rotations. All other canals were not flowing. No flood in rivers. Prices of food-grains stationary.

27.—MUZAFFARGARH DISTRICT.

Rainfall only in name. Tobacco and vegetable are being sown. Irrigated crops average, but unirrigated are below average. Cold winds have injured the peas crops to some extent. No crops harvested except sugarcane. The outturn of gur per acre was reported to be 8 maunds per acre. Condition of cattle good. Fodder available. Canals dry. No floods. Prices of food-grains still high.

28.—DERA GHAZI KHAN DISTRICT.

The month has been practically rainless. The condition of standing crops is fairly good, but rain is wanted. The yield of rabi crops is expected to be above the average. Cattle are in good condition. Fodder is just sufficient for the present needs. Public health is good. There were no floods in hill torrents. Prices are rising daily,

MAHBUB SHAH, SUPDT.,

for *Director of Land Records, Punjab.*

SUPPLEMENTARY TABLE OF RAINFALL RECORDED AT KILBA STATION IN THE SIMLA DISTRICT OF THE PUNJAB FOR THE MONTH OF DECEMBER 1917.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
SIMLA ...	Kilba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

1	2	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
District.	Station.	21st.	22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October up to 31st December 1917.	Average rainfall from 1st October up to 31st December.
SIMLA ...	Kilba ...	...	...	...	...	...	...	...	...	...	...	...	Nil	3·0	Nil	1·51	Nil	1·30	3·52

MAHBUB SHAH, SUPDT.,

Office of Director of Land Records, Punjab.

LIABILITIES AND QUASI-LIABILITIES.

Name of Bank.	OUTSIDE THE MOVEMENT. Deposits fixed, Current or Savings Bank, by non-members or by members in an individual capacity.	Debentures.	Overdrafts from outside banks, e.g., Presidency or Joint stock.	Other items.	WITHIN THE MOVEMENT. Fixed deposits or loans received from Societies or Central Banks or Provincial Bank.	Drawn portion of cash credit with Provincial Bank.	Savings Bank or current accounts held in favour of Societies or Central Banks.	Reserve fund of Bank itself.	Paid up share capital.	Other items.	Undrawn liabilities e.g., cash credits guaranteed by the Provincial Banks to Central Banks or to Societies, and by Central Banks to other Central Banks or Societies. To cover deposits.
1	2	3	4	5	6	7	8	9	10	11	12
I.—CENTRAL BANKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Jullundur Central Co-operative Bank, Limited.	6,09,846	...	...	...	...	...	...	64,786	1,32,459	...	...
2. Gurdaspur Central Co-operative Bank, Limited.	2,43,231	...	65,686	...	6,751	...	2,887	13,551	99,350	22,679	...
3. Gujrat Central Co-operative Bank, Limited.	1,14,048	...	1,000	...	...	...	5,828	4,820	31,600	7,558	...
4. Sargodha Central Co-operative Bank, Limited.	92,943	...	43	...	32,153	...	...	7,040	54,395	5,866	...
5. Hoshiarpur Central Co-operative Bank, Limited.	40,340	...	...	...	32,116	...	...	5,483	47,550	5,362	...
6. Sialkot Central Co-operative Bank, Limited.	1,03,082	...	...	2,362	8,802	...	1,887	4,576	44,130	5,739	...
7. Pasrur Central Co-operative Bank, Ltd.	50,998	...	...	...	5,517	...	...	2,390	36,300	...	...
8. Kila Sardar Harnam Singh Central Co-operative Bank, Limited.	9,526	...	...	...	1,058	...	...	1,100	15,900	1,279	...
9. Ambala Central Co-operative Bank, Limited.	2,01,357	...	...	...	...	...	...	12,867	1,07,795	30,174	...
10. Gujranwala Central Co-operative Bank, Limited.	70,688	...	28,285	...	39,000	...	10,000	6,092	38,367	13,425	...
11. Rawalpindi Central Co-operative Bank, Limited.	77,482	...	...	...	...	...	...	1,000	23,713	9,973	...
12. Jhang Central Co-operative Bank, Limited.	5,529	...	...	...	2,600	...	4,075	2,125	14,453	...	...
13. Jhelum Central Co-operative Bank, Limited.	...	...	...	...	1,239	...	...	1,995	7,760	...	...
14. Chakwal Central Co-operative Bank, Limited.	5,000	...	...	...	...	...	...	10,739	37,572	...	...
15. Pind Dadan Khan Central Co-operative Bank, Limited.	690	...	...	...	...	...	...	1,977	22,480	1,740	...
16. Lyallpur Central Co-operative Bank, Limited.	1,29,730	...	76,500	...	85,918	...	...	11,500	41,925	690	...
17. Rohtak Central Co-operative Bank, Limited.	1,44,969	...	...	...	25,000	...	...	3,437	50,300	9,651	...
18. Fazilka Central Co-operative Bank, Limited.	5,496	...	...	...	4,324	...	...	1,250	70,210	6,855	...
19. Lahore Central Co-operative Bank, Limited.	7,13,173	...	1,296	...	...	...	...	22,000	74,225	35,859	...
20. Sirsa Central Co-operative Bank, Limited.	10,010	...	...	40,000	1,425	...	...	306	22,575	2,154	...
21. Muzaffargarh Central Co-operative Bank, Limited.	16,747	...	...	...	...	...	...	—23	4,250	300	...
22. Ludhiana Central Co-operative Bank, Limited.	7,267	...	...	...	1,652	...	1,835	...	9,900	...	...
23. Montgomery Central Co-operative Bank, Limited.	—	...	...	...	...	...	...	...	6,875	...	...
II.—UNIONS.											
1. Madar (Jullundur District)	18,809	...	19,998	...	1,04,994	...	...	8,818	14,120	...	...
2. Gumtala (Gurdaspur District)	...	...	33,771	...	37,561	...	...	1,190	3,700		...
3. Kala Afghanan (Gurdaspur District)	49,576	...	14,934	...	...	...	...	2,032	5,800	4,258	...
4. Bhan (Gurdaspur District)	10,153	...	...	...	48,700	...	3,802	1,092	6,600	...	...
5. Bheni Melwan (Gurdaspur District)	2,180	...	40,730	...	...	...	...	1,011	3,200	...	...
6. Sujowal (Gurdaspur District)	7,942	...	43,022	...	...	...	...	1,701	2,600	...	...
7. Wardowal (Gurdaspur District)	3,504	...	38,746	...	24,075	...	...	2,023	3,500	117	...
8. Khanna (Gurdaspur District)	773	...	57,071	...	...	...	...	744	3,200	...	...
9. Bhangwan (Gurdaspur District)	100	...	27,907	...	...	...	...	820	2,520	566	...
10. Lakhan Khurd (Gurdaspur District)	821	...	12,643	...	...	...	334	187	1,300	...	...
11. Pajjo Deota (Hoshiarpur District)	28,672	...	...	...	...	...	...	686	3,558	...	...
12. Chotala (Hoshiarpur District)	3,170	...	24,110	...	8,506	...	...	2,265	3,697	172	...
13. Kandhala Shekhan (Hoshiarpur District)	31,100	...	28,134	...	83,033	...	...	886	5,369	...	...
14. Nun (Hoshiarpur District)	170	...	...	...	28,936	...	...	298	2,900	...	...
15. Mukerian (Hoshiarpur District)	...	...	...	...	93,094	...	...	1,722	3,675	2,191	...
16. Pindi Chiman (Shahpur District)	10	...	2,747	...	...	...	...	2,091	1,925	9	...
17. Longowal (Gujranwala District)	3,049	...	...	...	48,104	...	...	3,546	9,100	...	...
18. Ram Diwali (Amritsar District)	11,101	...	41	...	...	...	...	985	12,200	246	...

I.

ASSETS AND QUASI-ASSETS.

Outside the movement.						Within the movement.								Rates of interest on which money is usually			
Cash in hand and in outside Banks.	Government paper.	Post Office Savings Bank deposits.	Other investments of a liquid nature in outside concerns.	Undrawn balance of assured cash credit. With Presidency or Joint Stock Bank.	Undrawn balance of assured cash credit. With Provincial Bank.	Loans to Agricultural Societies.	Loans to Non-Agricultural Societies.	Loans or deposits due to the Central Bank by the Provincial Bank or other Central Banks.	Loans and deposits due to Provincial by Central Banks.	Uncalled share capital.	Guaranteed share capital.	Other investments inside the movement.	Net profit of past year.	Borrowed.	Lent.	Last Dividend declared.	Remarks.
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Per cent	
74,174	59,500	...	...	30,000	...	6,92,164	...	...	...	...	...	...	20,195	3½ to 6	8	12	
10,263	...	...	6,750	34,314	...	4,35,712	1,055	...	...	...	1,00,000	355	12,392	6	8	9	
13,585	8,381	6,373	3,076	29,000	...	1,32,917	...	...	...	68,400	1,00,000	22	4,055	6	8	10	
17,429	22,040	...	10,083	49,957	...	1,41,347	...	...	...	27,300	1,50,000	1,926	6,294	6	8	7	
15,860	...	...	...	...	...	1,15,491	...	...	...	27,450	7,500	...	1,756	7	8	...	
8,857	26,405	...	25,500	...	...	95,316	...	...	..	...	...	15,000	4,710	5, 6 and 7	9	9	
19868	15,290	...	...	...	...	62,846	...	...	...	...	1,00,000	...	3,186	6	8	9	
1,226	...	...	2,500	...	...	25,137		...	...	...	25,000	..	1,463	6	8	6	
27,605	12,850	28	12,446	...	...	2,99,264	...	...	...	72,000	1,80,000	...	12,811	5 and 6	8	8	
1,993	6,800	...	...	21,714	...	1,96,984	...	...	...	49,133	2,00,000	...	2,327	6 and 7	9	10	
7,309	...	...	...	...	...	97,318	...	..	...	76,287	1,00,000	7,145	1,144	5, 6 and 7	8	6	
...	...	3,342	...	...	...	24,658		...	...	30,000	50,000	...	1,466	6	8	...	
2,655	...	...	1,995	...	...	6,676	...	...	...	92,240	1,00,000	...	308	...	8	4	
1,738	2,500	...	...	...	...	44,693	...	...	...	...	...	120	2,498	4	8	...	
6,052	...	...	132	...	...	20,726	...	...	...	...	...	...	360	4	8	5	
1,564	...	...	64,779	23,500	...	2,64,915	...	15,000	...	1,25,775	1,67,700	...	8,336	6	8	10	
9,771	...	5,000	...	...	...	2,18,586	...	...	...	49,700	10,000	...	4,590	9	8	7½	
932	4,050	...	...	...	...	83,153	...	...	...	29,790	1,00,000	...	...	6	8	5½	
12	1,18,087	...	1,000	78,704	...	6,73,961	14,633	38,623	...	25,775	1,00,000	236	−2,060	3½ to 6½	7 and 8	6	
16,177	...	...	...	...	...	58,697	...	...	...	...	25,000	1,595	1,179	...	—	...	
8,129	...	...	...	...	...	13,220	...	...	...	...	50,000	...	−23	6 and 6½	8 and 9	...	
1,333	...	...	...	...	...	20,790	...	...	...	...	50,000	...	...	7	8	...	
1,930	...	...	...	...	...	4,900	...	...	...	...	...	...	...	...	8	...	
862	2,000	...	...	10,002	...	1,53,328	...	...	...	...	14,120	...	2,999	6 and 7	8	10	
3,163	1,190	...	...	26,229	...	71,019	...	...	...	...	...	850	359	6	8	...	
4433	2,032	...	...	60,066	...	70,135	...	...	...	...	...	...	2,541	6	8	...	
5,466	...	...	...	...	...	64,035	...	...	...	...	...	917	836	7	8	...	
2,648	...	...	...	9,270	...	44,023		...	...	...	3,000	...	1,317	6	8	7	
3,950	1,600	...	...	...	...	49,391	...	...	...	...	...	324	1,214	6	8	—	
3,095	2,023	...	...	11,254	...	66,847	...	...	...	...	3,500	...	1,462	6	8	...	
3,977	...	...	...	17,929	...	58,033	...	744	...	...	3,200	...	1,462	6	8	8	
1,910	...	...	...	12,093	...	28,907	...	...	...	6,180	8,700	...	589	6	8	...	
608	...	...	...	17,357	...	14,716	...	...	...	...	1,300	...	278	8	8	...	
3,431	...	...	11	...	...	28,788		...	...	...	.	...	396	6, 7 and 8	8	..	
686	...	...	...	...	...	87,628	1,000	...	...	...	...	341	921	6 and 7	8	...	
6,143	...	...	...	1,866	...	1,35,158	3,517	...	...	331	5,700	...	2,640	8	8	—	
1,790	...	...	...	—	...	29,817	...	...	...	...	...	...	559	8	8	...	
4,899	...	...	...	...	...	94,061	...	...	...	...	...	...	1,490	8	8	...	
776	...	...	...	27,253	...	5,680	...	...	...	2,400	3,500	...	363	6	8	...	
1,794	...	...	...	...	...	61,999	...	...	...	...	...	...	1,295	6	8	...	
2,510	985	...	...	14,959	...	21,078	...	...	...	...	...	...	1,135	6	8	7	

PART II.

Name of Bank.	Deposits or debentures of the kind dealt with in columns 2 and 3 of Part I. — On current or Savings Bank Account.	Deposits for not more than three months.	Other deposits or debentures falling due — In 12 months from commencement of present quarter.	In next 12 months.	In 12 months following.	In subsequent years.	Repayment of loans by Societies. Estimated — In 12 months from commencement of present quarter.	In next 12 months.	Actual in 12 months preceding present quarter.
1	2	3	4	5	6	7	8	9	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Central Banks.									
1. Jullundur Central Co-operative Bank, Limited.	62,344	...	3,14,559	2,32,943	...	...	1,50,000	1,75,900	2,05,511
2. Gurdaspur Central Co-operative Bank, Limited.	46,176	400	1,94,914	1,641	...	100	75,229	67,885	82,229
3. Gujrat Central Co-operative Bank, Limited.	371	...	95,510	17,398	...	769	84,860	25,820	30,916
4. Sargodha Central Co-operative Bank, Limited.	10,346	20,970	61,627	...	...	...	66,602	61,096	43,905
5. Hoshiarpur Central Co-operative Bank, Limited.	...	31,248	5,372	3,720	...	...	1,47,335	5,156	...
6. Sialkot Central Co-operative Bank, Limited.	1,627	700	34,900	5,000	...	60,855	47,658	47,658	70,993
7. Pasrur Central Co-operative Bank, Limited.	...	...	50,998	...	...	...	20,000	18,000	15,000
8. Kila Sardar Harnam Singh Central Co-operative Bank, Ltd.	146	...	9,380	...	...	...	6,000	4,000	10,568
9. Ambala Central Co-operative Bank, Limited.	25,794	68,487	1,01,228	2,967	2,881	...	2,99,264	...	29,630
10. Gujranwala Central Co-operative Bank, Limited.	...	...	31,983	29,273	1,343	8,008	75,492	1,21,492	53,123
11. Rawalpindi Central Co-operative Bank, Limited.	...	...	65,382	12,100	...	...	97,318	...	...
12. Jhang Central Co-operative Bank, Limited.	2,929	...	...	...	...	2,600	5,116	19,542	17,618
13. Jhelum Central Co-operative Bank, Limited.	...	...	...	...	...	...	2,125	4,551	783
14. Chakwal Central Co-operative Bank, Limited.	5,000	...	...	...	...	...	...	...	...
15. Pind Dadan Khan Central Co-operative Bank, Limited.	...	...	186	...	...	504	1,800	1,800	508
16. Lyallpur Central Co-operative Bank, Limited.	64,989	...	49,461	15,280	...	...	...	...	...
17. Rohtak Central Co-operative Bank, Limited.	2,338	...	1,35,400	5,231	2,000	...	1,00,000	90,000	79,650
18. Fazilka Central Co-operative Bank, Limited.	...	...	4,996	500	...	...	5,022	5,101	6,877
19. Lahore Central Co-operative Bank, Limited.	4,143	19,330	5,14,251	1,41,984	33,464	...	5,00,161	1,73,800	1,43,700
20. Sirsa Central Co-operative Bank, Limited	...	...	9,010	...	1,000	...	23,057	33,140	...
21. Muzaffargarh Central Co-operative Bank, Limited.	9,047	...	7,700	...	...	...	7,070	6,150	800
22. Ludhiana Central Co-operative Bank, Limited.	267	...	6,000	1,000	...	...	2,233	500	1,408
23. Montgomery Central Co-operative Bank, Limited.	...	...	...	...	...	...	4,900	...	...
II.—Unions.									
1. Madar (Jullundur District)	...	...	18,809	...	...	...	1,02,219	51,109	31,029
2. Gumtala (Gurdaspur District)	...	...	...	...	...	...	15,000	9,000	4,892
3. Kala Afghanan (Gurdaspur District).	...	...	29,006	20,570	...	...	10,000	10,000	26,125
4. Bham (Gurdaspur District)	...	...	10,153	...	...	...	14,000	...	11,819
5. Bhoni Malwan (Gurdaspur District).	...	...	82	848	700	500	12,366	8,734	19,671
6. Sujowal (Gurdaspur District)	342	...	6,000	1,600	...	...	5,000	3,000	10,129
7. Mardowal (ditto)	...	...	3,504	...	...	...	5,000	4,000	18,108
8. Khanna (ditto)	773	...	773	...	...	...	25,000	25,000	22,857
9. Bhangwan (ditto)	...	...	100	...	...	...	10,000	8,000	13,483
10. Lakhan Khurd (ditto)	...	...	600	...	...	221	2,560	3,450	1,377
11. Pajjo Deota (Hoshiarpur Dist.)	...	...	8,512	20,160	...	...	4,813	17,000	6,975
12. Chotala (Hoshiarpur District)	3,170	...	...	...	...	...	...	...	...
13. Kandhala Sheikhan (Hoshiarpur District).	...	...	31,100	...	...	...	20,000	1,18,675	...
14. Nun (Hoshiarpur District)	...	...	170	...	...	...	4,000	25,817	...
15. Mukerian (Hoshiarpur District)	...	...	...	...	...	...	21,817	72,244	...
16. Pindi Chiman (Shahpur District)	...	...	...	10	...	...	...	4,500	21,277
17. Longowal (Gujranwala District	3,049	...	...	...	...	...	...	...	...
18. Ram Diwali (Amritsar District)	...	...	10,000	...	1,101	...	10,000	2,000	13,030

PART III.

Name of Bank.	PORTION OF DEPOSITS OR DEBENTURES OF THE KIND DEALT WITH IN COLUMNS 2 AND 3 OF PART I FALLING DUE IN EACH QUARTER IN 12 MONTHS FROM COMMENCEMENT OF PRESENT QUARTER (4TH COLUMN OF PART II).				REPAYMENT OF LOANS BY SOCIETIES ESTIMATED IN EACH QUARTER IN 12 MONTHS FROM COMMENCEMENT OF PRESENT QUARTER (COLUMN 8 OF PART II).			
	I quarter.	II quarter.	III quarter.	IV quarter.	I quarter.	II quarter.	III quarter.	IV quarter.
I.—CENTRAL BANKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Jullundur Central Co-operative Bank, Limited.	1,07,893	55,372	74,831	76,463	35,500	45,000	25,000	44,500
2. Gurdaspur Central Co-operative Bank, Limited.	23,767	72,920	49,274	48,953	16,985	22,317	18,715	28,212
3. Gujrat Central Co-operative Bank, Limited	17,873	19,023	12,625	45,989	23,623	11,856	36,269	13,112
4. Sargodha Central Co-operative Bank, Limited.	24,270	13,891	12,448	11,018	12,878	13,947	25,481	14,296
5. Hoshiarpur Central Co-operative Bank, Limited.	1,041	2,202	2,128	...	...	...	...	1,47,335
6. Sialkot Central Co-operative Bank, Limited.	17,000	2,768	6,315	8,817	4,456	17,876	3,225	22,101
7. Pasrur Central Co-operative Bank, Limited.	13,400	12,000	16,700	8,898	20,000	...	...	...
8. Kila Sardar Harnam Singh Central Co-operative Bank, Limited.	...	8,468	...	912	500	2,000	1,500	2,000
9. Ambala Central Co-operative Bank, Limited.	...	39,924	45,150	16,154	2,78,274	2,700	400	17,890
10. Gujranwala Central Co-operative Bank, Limited.	11,492	9,372	7,379	3,740	20,906	24,793	15,996	13,797
11. Rawalpindi Central Co-operative Bank, Limited.	12,790	14,590	25,039	12,963	24,600	72,718	...	...
12. Jhang Central Co-operative Bank, Limited.	...	...	...	...	...	...	...	5,116
13. Jhelum Central Co-operative Bank, Limited.	...	...	...	...	200	800	225	900
14. Chakwal Central Co-operative Bank, Limited.	...	...	...	...	...	...	...	...
15. Pind Dadan Khan Central Co-operative Bank, Limited.	62	62	62	...	1,200	300	200	100
16. Lyallpur Central Co-operative Bank, Limited.	1,550	...	13,841	34,070	...	...	...	...
17. Rohtak Central Co-operative Bank, Limited.	30,848	34,537	16,000	54,015	40,000	20,000	15,000	25,000
18. Fazilka Central Co-operative Bank, Limited.	1,788	2,708	500	...	1,200	800	2,022	1,000
19. Lahore Central Co-operative Bank, Limited.	1,17,798	88,106	93,431	2,14,915	1,39,400	98,233	1,00,343	1,62,195
20. Sirsa Central Co-operative Bank, Limited.	...	...	9,010	...	...	...	23,057	...
21. Muzaffargarh Central Co-operative Bank, Limited.	1,200	1,000	...	5,500	...	2,000	1,900	3,170
22. Ludhiana Central Co-operative Bank, Limited.	...	5,000	1,000	...	2,283	...	...	...
23. Montgomery Central Co-operative Bank, Limited.	...	...	...	...	4,900	...	...	...
II.—UNIONS.								
1. Madar (Jullundur District) ...	4,424	...	...	14,385	19,655	25,436	34,682	22,445
2. Gumtala (Gurdaspur District) ..	...	...	...	...	6,000	3,000	6,000	...
3. Kala Afghanan (ditto) ...	1,000	28,006	...	...	1,500	500	8,000	...
4. Bham (ditto) ...	53	300	7,000	2,800	1,000	6,000	1,000	6,000
5. Bheni Melwan (ditto) ...	82	...	...	...	2,069	297	...	10,000
6. Sujowal (ditto) ...	...	...	6,000	...	2,000	500	2,000	500
7. Mardowal (ditto) ...	...	...	3,504	...	2,000	1,000	1,000	1,000
8. Khanna (ditto) ...	773	..	...	...	6,000	4,000	7,000	8,000
9. Bhangwan (ditto) ...	...	100	...	...	200	4,000	800	5,000
10. Lakhan Khurd (ditto) ...	...	600	...	...	...	1,560	...	1,000
11. Pajjo Deota (Hoshiarpur District) ...	...	..	8,512	...	2,113	2,000	700	...
12. Chotala (ditto) ...	...	..	...	...	..	...	...	...
13. Kandhala Sheikhan (ditto) ...	...	31,000	100	...	5,000	5,000	2,000	8,000
14. Nun (ditto) ...	170	...	...	...	...	...	...	4,000
15. Mukerian (ditto) ...	...	...	...	...	...	...	...	21,817
16. Pindi Chiman (Shahpur District) ...	...	...	...	...	...	...	...	...
17. Longowal (Gujranwala District) ...	...	...	...	...	...	...	...	...
18. Ram Diwali (Amritsar District) ...	1,000	...	6,000	3,000	...	...	5,000	5,000

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 16th February 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	10	6	16	9	5	4	...	...	...	1	2	4	...	2	2	1	3	49	27	1
2		Hánsi ...	14,576	9	9	18	9	2	[illegible]	...	...	...	4	1	1	...	3	...	1	1	64	32	2
3		Bhiwáni ...	31,100	14	9	23	26	9	17	...	1	7	3	1	5	...	9	1	4	5	39	44	3
4		Sirsa ...	14,629	7	8	15	19	8	11	...	...	...	10	1	3	...	5	2	1	3	54	68	4
5	Rohtak ...	Rohtak ...	19,862	6	7	13	15	8	7	...	1	...	7	...	2	...	5	4	2	6	34	40	5
6		Jhajjar ...	10,617	2	7	9	9	6	3	...	...	3	1	...	1	...	4	2	2	4	44	44	6
7		Sonepat ...	12,014	9	4	13	5	3	2	...	..	...	2	...	...	..	3	2	...	2	56	22	7
8	Gurgaon ...	Rewári ...	24,780	8	10	18	21	11	10	...	...	...	1	5	8	1	6	2	2	4	38	44	8
9	Karnál ...	Karnál ...	21,018	15	9	24	5	4	1	...	..	..	2	1	2	...	...	2	...	2	59	12	9
10		Kaithal ...	12,912	7	6	13	3	...	3	...	..	...	1	...	...	...	2	...	2	2	53	12	10
11		Pánipat ...	36,342	10	12	22	20	10	10	...	12	...	2	...	1	...	5	4	4	8	44	40	11
12		Shahabad ...	11,054	1	4	5	6	4	2	...	1	1	...	...	3	...	1	..	1	1	24	29	12
13	Ambála ...	Ambála ...	24,493	13	14	27	22	9	13	–	...	4	5	3	3	...	7	1	1	2	58	47	13
14		Jagádhri ...	12,045	3	4	7	12	6	6	...	...	1	4	3	3	...	1	2	1	3	30	52	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	3	6	9	9	4	5	...	...	...	2	...	1	1	5	2	...	2	27	27	15
16	Jullundur ...	Jullundur ...	55,354	19	19	38	16	10	6	...	...	1	5	1	8	...	1	1	2	3	36	15	16
17	Ludhiána ...	Ludhiána ...	43,152	17	19	36	58	29	29	...	...	17	20	3	9	...	9	4	2	6	44	70	17
18		Jagráon ...	15,039	3	7	10	12	5	7	...	1	3	5	...	2		1	...	1	1	35	42	18
19	Ferozepore ...	Ferozepore ...	24,678	8	6	14	11	9	2	...	...	...	5	...	5	...	1	...	1	1	29	23	19
20		Fázilka ...	10,985	4	4	8	7	3	4	...	...	...	3	1	3	...	...	1	2	3	38	33	20
21	Lahore ...	Lahore ...	210,271	67	60	127	134	75	59	...	...	18	62	1	37	1	15	12	9	21	31	33	21
22		Kasúr ...	24,782	8	11	19	25	16	9	...	..	3	6	...	6	..	10	6	3	9	40	53	22
23	Amritsar ...	Amritsar ...	151,339	55	52	107	105	56	49	...	...	1	48	2	43	3	8	4	1	5	37	36	23
24	Gurdáspur ...	Batála ...	26,430	10	5	15	17	8	9	...	...	5	5	1	5	...	1	2	1	3	30	34	24
25	Siálkot ...	Siálkot ...	48,595	30	26	56	23	9	14	..	...	7	1	...	4	...	11	2	5	7	60	25	25
26	Gujránwála ...	Gujránwála ...	28,637	21	9	30	20	8	12	...	...	...	14	1	3		2	...	4	4	55	37	26
27		Wazírabad ...	17,147	9	12	21	9	3	6	...	...	...	3	...	4	...	2	...	1	1	64	27	27
28	Gujrát ...	Gujrát ...	18,692	4	5	9	3	1	2	...	...	...	1	...	1	...	1	...	...	...	25	8	28
29		Jalálpur ...	11,615	4	5	9	5	4	1	...	...	...	4	...	...	.	1	...	..	..	40	22	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	4	7	11	5	2	3	...	...	...	1	...	1	...	3	1	2	3	37	17	30
31	Shahpur ...	Khusháb ...	10,159	4	2	6	6	2	4	...	...	...	...	...	2	...	4	1	3	4	31	31	31
32	Jhelum ...	Jhelum ...	12,298	1	7	8	4	1	3	...	...	...	1	...	1	...	2	...	1	1	34	17	32
33	Jhelum ...	Pind Dádan Khan	10,590	4	5	9	14	6	8	...	...	...	10	2	...	...	2	1	2	3	44	69	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	20	17	37	33	15	18	...	...	...	5	...	19	...	9	4	6	10	41	37	34
35	Lyallpur ...	Lyallpur ...	19,578	10	5	15	6	1	5	...	1	...	1	1	2	...	1	...	2	2	40	16	35
36	Jhang ...	Jhang-Maghiána	25,914	15	13	28	15	8	7	...	...	...	4	1	...	...	10	1	1	2	56	30	36
37	Jhang ...	Chiniot ...	14,085	9	6	15	14	10	4	...	...	...	5	1	...	...	8	3	2	5	55	51	37
38	Multán ...	Multán ...	85,747	37	20	57	80	47	33	...	...	26	19	3	12	...	20	8	6	14	35	49	38
	Grand Total	...	11,50,732	480	437	917	812	417	395	...	17	97	273	35	204	6	180	77	79	156	40	35	
	Hill Sanitaria.																						
	Simla ...	...	18,934	2	...	2	6	2	4	...	...	...	3	...	2	...	1	...	1	1	5	16	
	Dharmsála	...	2,518	...	1	1	1	...	1	...	...	...	...	...	...	...	1	...	1	1	20	20	
	Dalhousie ...	...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 16th February 1918 there were 917 births registered in the 38 large municipal towns (480 males and 437 females), giving a birth rate of 40 *per mille* of population, and 812 deaths were registered (417 males and 395 females), giving a death rate of 35 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 33 against 27 in the corresponding week of the previous year, Amritsar 36 against 29 and Multán 49 against 36.

There were 12 deaths registered from small-pox in Pánipat, and 1 each in Bhiwáni, Rohtak, Shahábad, Jagraon and Lyallpur. Of the 97 deaths from plague, 26 were reported in Multán, 18 in Lahore, 17 in Ludhiána, 7 each in Bhiwáni and Siálkot, 5 in Batála, 4 in Ambála, 3 each in Jhajjar, Jagráon and Kasur, and 1 each in Shahábad, Jágádhri, Jullundur and Amritsar.

Sanitary Commissioner's Office,
Lahore :
The 26th February 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

2465 PGG—640—1-3-18—SGPP Lahore

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SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 10.] LAHORE, FRIDAY, MARCH 8, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 5th March 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (*a*) Drinking. (*b*) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
1	Hissar ...	...	1. Sufficient ... 2. (*b*) Water sufficient in perennial canals. 3. Good.	Wheat, 8½ ... Bajra, 10¼. Gram, 12. Bejhar, 12¼. Prices between normal and warning rates.	Standing crops average ...	...
2	Rohtak ...	...	1. Scarce in Gohána and Jhajjar Tahsils. 2. (*a*) Adequate. 3. Generally good.	Wheat, 8 ... Gram, 11¼. Barley, 12. Jowar, 13. Bajra, 10. Prices between normal and warning rates.	Standing wheat and other crops fair to good, but rain is wanted. Sowings of extra spring crops continue in places and are below normal.	Yield of sugarcane good on irrigated and normal on unirrigated areas. Sowings of sugarcane commenced in parts of Jhajjar Tahsil and are below normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
3	Gurgaon ...	...	1. Scarce ... 2. (b) Sufficient. 3. Good.	Wheat, 7½ to 9 ... Barley, 11 to 12½. Gram, 11 to 12. Jowar, 9 to 11. Bajra, 9 to 13. Maize, 11 to 13. Prices generally between normal and warning rates.	Condition and expected yield of standing crops, specially wheat, good, but rain is wanted.	...
4	Ambála ...	0·23 at Sadr ... 0·30 at Naráingarh. 0·18 at Kharar. 0·32 at Rúpar. 0·62 at Kasauli.	1. Scarce ... 2. (a) Sufficient. (b) Adequate. 3. Good.	Wheat, 7¾ ... Gram, 10½. Barley, 12. Maize, 11¾. Bajra, 10. Prices between warning and scarcity rates.	Rain was beneficial, but more is needed. Standing irrigated crops, specially wheat and oil-seeds, fair, but unirrigated crops are suffering from drought. Sowings of extra spring crops continue and are below normal.	Pressing of sugar cane continues. Yield good. Sowings of sugarcane commenced and are below normal.
5	Jullundur ...	0·17 at Sadr ... 0·20 at Nakodar. 0·21 at Phillaur. 0·30 at Nawashahr.	1. Inadequate ... 2. (b) Adequate. 3. Generally good.	Wheat, 8¼ ... Barley, 12½. Gram, 9¾. Maize, 10¾. Jowar, 9. Bajra, 10. Prices between normal and scarcity rates.	Rain was beneficial to standing crops which are in average condition on irrigated area and in poor condition on unirrigated area.	Pressing of sugarcane completed. Yield good.
6	Ferozepore ...	0·44 at Sadr ... 0·18 at Moga. 0·22 at Zíra. 0·20 at Muktsar. 0·27 at Fázilka.	1. Insufficient ... 2. (a) Sufficient. 3. Good.	Wheat, 8½ ... Gram, 10½. Prices between normal and scarcity rates.	Rain was beneficial, but more is urgently wanted. Standing irrigated crops average to good and unirrigated below average. Sowings of extra spring crops continue and are below normal.	...
7	Lahore ...	0·13 at Kasúr ...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10½. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Rain badly wanted. Extra spring crops being sown to a small extent.	...
8	Amritsar ...	0·13 at Sadr ... 0·22 at Tarn Táran. 0·08 at Ajnála.	1. Insufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Generally good.	Wheat, 8⅝ ... Barley, 13. Gram, 10. Maize, 10⅝. Jowar, 10½. Bajra, 10. Prices generally between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average.	Sugarcane being pressed. Yield normal. Sowing of sugarcane commenced to some extent.
9	Siálkot ...	0·05 at Pasrúr ...	1. Scarce ... 2. (a) Sufficient ... (b) Canal closed. 3. Cattle weak owing to scarcity of fodder.	Wheat, 7½ to 8¼ ... Barley, 12 to 12½. Maize, 10. Gram, 8½ to 9. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average.	Yield of sugarcane normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
10	Shahpur ...	0·15 at Sadr ... 0·48 at Bhalwal. 0·39 at Shahpur. 0·18 Khusháb.	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Good.	Wheat, 8½ to 9¼ ... Gram, 10½ to 11½. Maize, 10 to 12. Bajra, 11¼ to 12. Prices generally between warning and scarcity rates.	More rain wanted. Condition of standing irrigated crops average and unirrigated below average. Toria being harvested. Yield below normal. Sowings of irrigated extra spring crops continue in Bhera and Sargodha Tahsils and are normal. Germination fair.	Pressing of sugarcane continued. Yield below normal.
11	Ráwalpindi ...	0·81 at Sadr ... 1·40 at Kahúta. 1·25 at Murree.	1. Sufficient ... 3. Good.	Wheat, 6½ ... Barley, 11½ Gram, 8¾. Bajra, 10¾. Maize, 10¾. Jowar, 10¾. Prices between warning and scarcity rates.	Rain, though useful, was insufficient. Standing irrigated crops good and unirrigated average.	...
12	Miánwáli ...	0·04 at Bhakkar.	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat, 8 ... Jowar, 11. Bajra, 12. Gram, 11. Prices at warning rates.	Standing irrigated crops average and unirrigated below average. Condition of wheat getting worse for want of rain which is badly wanted.	...
13	Lyallpur ...	0·03 at Jaránwála.	1. Sufficient ... 2. (b) Satisfactory. 3. Generally good.	Wheat, 8¼ ... Gram, 9¾. Maize, 11. Prices between warning and scarcity rates.	Rain is wanted. Standing crops generally good. Sowings of extra spring crops commenced in Lyallpur and Samundri Tahsils. Harvesting of toria completed. Yield normal.	Pressing of sugarcane nearly finished. Yield good.
14	Multán ...	0·16 at Lodhrán ...	1. Available but decreasing. 2. (b) Sidhnai Canal flowing; supply inadequate. 3. Fair.	Wheat, 8½ ... Gram, 9. Bajra, 10. Prices at warning or scarcity rates.	Sowings of extra spring crops continue and are normal. Standing crops generally good in Multán and Kabírwála Tahsils. Elsewhere it is average on irrigated area and below average on unirrigated area. Rain is badly wanted.	...

GENERAL REMARKS.

Light rain has fallen in or in parts of all the reporting districts except in the south-east. Though useful, it was quite insufficient, and more is badly wanted for unirrigated spring crops which are suffering from drought in many districts. Irrigated wheat and other corps are average to good, but unirrigated crops are generally below average. Pressing of sugarcane completed. Yield normal to good. Sowings of extra spring crops continue and of sugarcane commenced in some districts, but are below normal. Stocks of food-grains sufficient. Cattle are generally healthy, but fodder is getting scarce. Prices have risen slightly in some districts and range generally between warning and scarcity rates, except in some south-eastern districts where they are between normal and warning rates. Prices of wheat:—Ráwalpindi 6½, Ambála 7¾, Lahore 8, Lyallpur 8¼, and Ferozepore 8½ seers per rupee.

MAHBUB SHAH, Supdt.,

for Director of Land Records, Punjab.

SUMMARY OF REMARKS ON THE KHARIF CROP OF THE PUNJAB FOR THE YEAR 1917.

1. *Season.*—The period of winter and spring rainfall was one of the driest on record, the total amount of rain from December to March being 75 per cent. short of the normal. After the first week of April, however, the weather became abnormally wet and fairly heavy rains, sometimes accompanied by hailstorms, fell at intervals all over the province. This combined with a sufficient supply in canals greatly helped the sowing of cane and cotton. The monsoon appeared in the Punjab on the 2nd June, some three weeks before the average date, and gave abundant rain almost everywhere. It was abnormally active in August and September, and the total rainfall during the months was much above the average in all parts of the province. The monsoon disappeared about 25th September, some ten days later than usual. The total rainfal from June to September amounted, according to the data published by the Meteorological Department, to 77 per cent. in excess of the normal in the east and north of the province, and to 178 per cent. in excess of the normal in the south-west. A feeble disturbance of the cold weather type gave a few isolated falls in the beginning of October. During the rest of the month the weather was dry, except for a short interval at the end, when a severe storm caused heavy rainfall in the eastern half of the province, the western half remaining generally drier than usual.

Climatic conditions were, therefore, not so favourable as last year for the sowing of crops other than cotton and cane. Heavy and continuous rains interfered with sowings and caused an outbreak of malaria which impeded agricultural operations generally. Up to the middle of August the season remained favourable for the maturing of crops but thereafter considerable damage was done by abnormally heavy rains and floods. The months of November and December were practically dry and the weather was favourable for the picking of cotton and other harvesting operations. Water in canals was generally sufficient.

2. *Area sown.*—There was a decrease of 6 per cent. in the total sown area as compared with last year and an increase of 5 per cent. as compared with the normal. The figures are compared below :—

	Irrigated.	*Unirrigated.*	*Total.*
	Acres.	Acres.	Acres.
1917	4,033,044	7,992,303	12,025,347
1916	4,322,577	8,478,689	12,801,266
Normal	3,507,988	7,993,501	11,501,489

The important variations under the principal crops in 1917 as compared with the preceding year are as follows :—

Crop.	1917.	1916.	Difference.	Difference.
	Acres.	Acres.	Acres.	Per cent.
Rice	997,580	1,063,598	−66,018	−6·20
Jowar	824,336	1,493,714	−669,378	−44·81
Bajra	2,541,400	3,033,211	−491,811	−16·21
Maize	1,217,885	1,270,420	−52,535	−4·14
Til	121,735	245,972	−124,237	−50·51
Sugarcane	502,762	414,110	+88,652	+21·41
Cotton	1,640,411	1,064,581	+575,830	+54·09
Chari	1,437,481	1,734,133	−296,652	−17·11

As described above climatic conditions were more favourable this year for the sowing of sugarcane and cotton and less favourable for the sowing of other crops. The increase in the area under sugarcane and cotton was also due to some extent to the high prices of cotton and gur last year; and the increase would have been greater if the sowing of these crops had not been interfered with by the rabi harvesting operations which were delayed by the rains of April and May.

3. *Outturns—Rice.*—Rice, which is not so liable to injury by excessive moisture as some crops, did well and the outturn was generally normal both on irrigated and unirrigated lands. In Gujránwála and Dera Gházi Khan, however, the crop was below normal owing to damage by river floods in the former and by hill torrents in the later district. In Karnál the outturn on unirrigated area is reported to have been double the normal.

Jowar.—This crop suffered greatly from the excessive rains and floods. In Dera Gházi, Khan the outturn was about three-fourth of the normal. In all the other districts in which the crop is important the outturn was about half or less than half the normal. In Rohtak Gurgaon and Multán the crop failed almost completely.

Bajra.—This crop is important only as an unirrigated crop in the south-east. The outturn was about half the normal in this part of the province, except in the Ferozepore District where it was about one-fourth. Elsewhere the crop was below the normal, save in Shahpur and Attock where it withstood the adverse conditions and the outturn was normal.

Maize.—The outturn both on irrigated and unirrigated areas was below normal or poor, except in Ambála and Ráwalpindi where the outturn of the unirrigated crop is reported to have been approximately normal.

Sugarcane.—The season was favourable for this crop, except in some districts in the centre and the north-west of the province where excessive rains and floods damaged the crop and the outturn was below normal. The outturn was elsewhere normal to good. Lyallpur reports a bumper crop on irrigated areas.

Cotton.—The abnormally heavy rains and floods after the middle of August destroyed the early flowers and considerably damaged the standing crop, and the outturn was generally below normal or poor. American cotton, which is now grown extensively in the canal colonies, fared better than ordinary country cotton. In Rohtak, Gurgaon, Amritsar and Siálkot the crop almost completely failed.

4. *Area matured and failed.*—The total matured area amounts to 9,769,427 acres as compared with 11,515,341 acres in 1916 and an estimated normal of 9,243,514 acres. The total failed area amounts to 2,255,920 acres or 19 per cent. of the sown area as against 10 per cent. last year.

The following table shows the percentage of increase or decrease in the total sown and matured areas as compared with the normal and the percentage of failure on the total sown area in each division of the province :—

Division.	Sown Area.			Matured Area.			Percentage of failed to the total sown area.
	Irrigated.	Unirrigated.	Total.	Irrigated.	Unirrigated.	Total.	
Ambála	+7	−7	−6	−12	...	−2	24
Jullundur	−19	+10	+2	−29	+17	+2	14
Lahore	+24	+9	+17	+9	−6	+2	21
Ráwalpindi	+13	...	+2	+15	+13	+13	13
Multán	+26	+16	+24	+26	+9	+23	17
Total ...	+15	...	+5	+6	+5	+6	19

5. *Calamities of the season.*—There was no calamity of season except the excessive rains and floods of September and October which adversely affected the yield, especially of cotton, jowar and maize in many districts.

6. *Summary.*—Taking the area and the yield together the harvest works out to 15 per cent. below that of last year and 6 per cent. better than the estimated normal. The character of the harvest was reflected in the course of prices. At the close of 1917 the price of cotton (which depends chiefly on export demand) had risen by 47 per cent., of maize by 19 per cent., of jowar by 18 per cent. and of bajra by 4 per cent. as compared with the prices prevailing at the corresponding period of last year. There was no difference in the price of rice and owing to the sugarcane crop having been better than its predecessor, the price of gur at the end of January 1918 was 6 per cent. lower than the corresponding period of the previous year.

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Director of Land Records, Punjab.

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STATEMENT No. III-A.—*Return of crops, in acres, for the Kharif 1917.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
District.	Irrigated or unirrigated.	CEREALS AND PULSES.									OIL-SEEDS.		Condiments and spices.	Sugarcane.
		Rice.	Jowar.	Bajra.	Ragi or marua.	Maize.	Other cereals.	Mung and mash.	Other pulses.	Total cereals and pulses.	Til.	Others.		
Hissar ...	Irrigated ...	12,058	5,313	4,918	...	907	1	927	369	24,493	233	...	633	1,959
	Unirrigated ...	200	98,862	708,996	...	132	...	54,785	66,319	929,294	3,445	...	6	...
	Total ...	12,258	104,175	713,914	...	1,039	1	55,712	66,688	953,787	3,678	...	639	1,959
Rohtak ...	Irrigated ...	292	722	592	25	623	2	347	92	2,695	310	...	1,431	45,544
	Unirrigated ...	287	153,397	263,917	146	5,183	278	12,282	11,109	446,599	518	...	237	1,692
	Total ...	579	154,119	264,509	171	5,806	280	12,629	11,201	449,294	828	...	1,668	47,236
Gurgaon ...	Irrigated ...	3	2,820	5,794	...	719	75	284	395	10,090	166	...	303	14,900
	Unirrigated ...	68	46,259	296,530	...	4,345	380	16,703	84,155	448,440	676	2	148	865
	Total ...	71	49,079	302,324	...	5,064	455	16,987	84,550	458,530	842	2	451	15,765
Karnál ...	Irrigated ...	14,024	9,008	3,590	310	1,384	70	552	179	29,117	414	...	1,233	35,206
	Unirrigated ...	48,765	99,366	62,465	1,542	50,345	2,954	17,649	5,368	288,454	3,922	3	379	4,206
	Total ...	62,789	108,374	66,055	1,852	51,729	3,024	18,201	5,547	317,571	4,336	3	1,612	39,412
Ambála ...	Irrigated ...	3,189	8	...	...	876	20	89	9	4,191	11	...	155	4,194
	Unirrigated ...	63,859	2,195	9,007	627	102,786	13,382	25,290	11,176	228,322	1,404	4	303	15,848
	Total ...	67,048	2,203	9,007	627	103,662	13,402	25,379	11,185	232,513	1,415	4	458	20,043
Simla ...	Irrigated ...	499	...	...	6	65	1	1	...	572	...	...	9	...
	Unirrigated ...	427	3	...	784	1,834	1,486	309	504	5,347	1	...	30	...
	Total ...	926	3	...	790	1,899	1,487	310	504	5,919	1	...	39	...

Kangra ...	Irrigated ...	76,732	11	...	536	6,898	787	2,069	275	87,309	86	...	330	2,172
	Unirrigated ...	44,975	44	6	12,743	155,477	17,860	25,537	21,998	278,640	8,744	2	449	3,036
	Total ...	121,708	55	6	13,279	162,375	18,647	27,606	22,273	365,949	8,830	2	779	5,208
Hoshiarpur ...	Irrigated ...	21,377	...	...	1	948	33	35	3	22,397	4	...	169	7,316
	Unirrigated ...	16,238	427	3,205	1,454	164,185	6,341	12,312	29,436	233,598	2,035	79	103	18,704
	Total ...	37,615	427	3,205	1,455	165,133	6,374	12,347	29,439	255,995	2,039	79	272	26,020
Jullundur ...	Irrigated ...	582	380	4	...	8,887	16	11	14	9,894	2	...	2,031	28,982
	Unirrigated ...	4,114	1,583	101	...	78,451	209	8,863	32,912	126,233	300	6	116	1,290
	Total ...	4,696	1,969	105	...	87,338	225	8,874	32,926	136,127	302	6	2,147	30,272
Ludhiána ...	Irrigated ...	16	20	72	1	14,112	4	363	90	14,678	221	...	311	9,883
	Unirrigated ...	1,996	15,672	1,810	5	50,309	81	42,039	54,024	165,936	296	2	26	4,759
	Total ...	2,012	15,692	1,882	6	64,421	85	42,402	54,114	180,614	517	2	337	14,642
Ferozepore ...	Irrigated ...	29,314	11,917	3,168	1	30,151	108	3,554	2,785	80,998	77	5	1,876	4,400
	Unirrigated ...	319	35,261	40,630	1	34,482	109	16,567	10,966	138,335	484	10	44	178
	Total ...	29,633	47,178	43,798	2	64,633	217	20,121	13,751	219,333	561	15	1,920	4,578
Lahore ...	Irrigated ...	29,209	481	5,187	361	33,089	547	362	3,816	73,052	352	14	2,295	15,726
	Unirrigated ...	2,047	335	16,899	32	12,286	511	3,623	1,864	37,597	2,024	2	30	174
	Total ...	31,256	816	22,036	393	45,375	1,058	3,985	5,680	110,649	2,376	16	2,325	15,900
Amritsar ...	Irrigated ...	44,379	7	169	148	15,290	173	267	59	60,492	152	6	740	32,137
	Unirrigated ...	5,939	499	1,535	203	29,206	433	6,191	4,477	48,483	3,163	...	12	1,917
	Total ...	50,318	506	1,704	351	44,496	606	6,458	4,536	108,975	3,315	6	753	34,054
Gurdáspur ...	Irrigated ...	37,998	14	5	...	1,507	101	452	8	40,085	135	...	308	38,145
	Unirrigated ...	33,984	3,937	4,875	...	72,766	7,980	55,589	27,745	206,876	14,657	...	142	29,619
	Total ...	71,982	3,951	4,880	...	74,273	8,081	56,041	27,753	246,961	14,792	...	450	67,764
Siálkot ...	Irrigated ...	65,711	71	296	282	2,309	122	67	28	68,886	9	...	684	32,365
	Unirrigated ...	39,998	2,096	34,922	1,420	64,821	7,831	10,280	4,450	165,818	1,399	...	97	6,593
	Total ...	105,709	2,167	35,218	1,702	67,130	7,953	10,347	4,478	234,704	1,408	...	781	38,958

STATEMENT No III-A.—*Return of Crops, in acres, for the Kharif 1917*—continued.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		CEREALS AND PULSES.									OIL-SEEDS			
District.	Irrigated or unirrigated.	Rice.	Jowar.	Bajra.	Ragi or marua.	Maize.	Other cereals.	Mung and mash.	Other pulses.	Total cereals and pulses.	Til.	Others.	Condiments and spices.	Sugarcane.
Gujránwála ...	Irrigated ...	163,299	2,776	9,591	38	15,121	556	1,347	2,512	195,240	116	...	369	41,062
	Unirrigated ...	5,076	4,705	39,123	34	14,137	917	5,519	5,648	75,159	718	2	1	311
	Total ...	168,375	7,481	48,714	72	29,258	1,473	6,866	8,160	270,399	834	2	370	41,373
Gujrát ...	Irrigated ...	12,385	1,608	6,140	37	4,852	144	110	263	25,539	105	...	308	11,549
	Unirrigated ...	4,233	11,611	131,104	49	16,663	1,216	9,072	40,133	214,081	3,918	...	22	498
	Total ...	16,618	13,219	137,244	86	21,515	1,360	9,182	40,396	239,620	4,023	...	330	12,047
Shahpur ...	Irrigated ...	4,341	3,346	30,715	437	16,140	2,180	290	779	58,228	638	...	149	11,400
	Unirrigated ...	1,599	5,867	72,251	4	3,414	315	2,907	22,260	108,617	529	1	...	6
	Total ...	5,940	9,213	102,966	441	19,554	2,495	3,197	23,039	166,845	1,167	1	149	11,406
Jhelum ...	Irrigated ...	17	45	1,927	...	1,910	17	4	13	3,933	1	...	465	542
	Unirrigated ...	539	7,199	146,594	...	5,131	82	35,647	45,097	240,289	603	...	...	5
	Total ...	556	7,244	148,521	...	7,041	99	35,651	45,110	244,222	604	...	465	547
Ráwalpindi ...	Irrigated ...	830	16	75	...	2,939	6	132	14	4,012	1	...	198	80
	Unirrigated ...	30	16,014	111,449	...	44,438	2,275	64,807	48,050	287,063	545	...	1	...
	Total ...	860	16,030	111,524	...	47,377	2,281	64,939	48,064	291,075	546	...	199	80
Attock ...	Irrigated ...	1	208	4,422	...	23,216	2	59	203	28,111	5	...	157	1,191
	Unirrigated ...	64	21,166	217,747	...	3,080	1	13,518	52,416	307,992	1,584	...	...	...
	Total ...	65	21,374	222,169	...	26,296	3	13,577	52,619	336,103	1,589	...	157	1,191

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Miánwáli ...	Irrigated ...	1	1,513	2,446	...	26	84	1	63	4,134	2	...	27	41
	Unirrigated ...	...	15,382	93,493	...	4	1,096	1,486	35,714	147,175	2,663	1	...	...
	Total ...	1	16,895	95,939	...	30	1,180	1,487	35,777	151,309	2,665	1	27	41
Montgomery ...	Irrigated ...	33,071	2,308	12,838	40	27,820	3,053	2,762	2,509	84,401	9,091	...	391	8,375
	Unirrigated ...	1,088	298	5,692	1	3,035	896	3,184	847	15,041	12,870	...	3	3
	Total ...	34,159	2,606	18,530	41	30,855	3,949	5,946	3,356	99,442	21,961	...	394	8,378
Lyallpur ...	Irrigated ...	11,526	1,283	11,335	83	63,088	867	3,543	3,193	94,918	698	...	398	53,708
	Unirrigated ...	834	111	2,580	96	1,145	56	741	175	5,738	521	...	1	3
	Total ...	12,360	1,394	13,915	179	64,233	923	4,284	3,368	100,656	1,219	...	399	53,711
Jhang ...	Irrigated ...	2,640	27,750	15,469	2,685	13,499	9,319	588	4,673	76,623	533	...	28	3,003
	Unirrigated ...	857	8,186	8,307	20	5,459	496	13,383	1,015	37,723	2,721	...	3	5
	Total ...	3,497	35,936	23,776	2,705	18,958	9,815	13,971	5,688	114,346	3,254	...	31	3,008
Multán ...	Irrigated ...	43,788	43,113	41,628	1,558	7,847	10,675	11,187	3,685	163,481	24,966	12	495	3,805
	Unirrigated ...	561	4,286	6,240	36	450	836	2,189	293	14,891	9,187	...	2	3
	Total ...	44,349	47,399	47,868	1,594	8,297	11,511	13,376	3,978	178,372	34,153	12	497	3,808
Muzaffargarh ...	Irrigated ...	58,885	4,830	19,545	926	56	2,584	72	6,631	93,529	518	1	208	5,292
	Unirrigated ...	157	218	3,099	10	11	995	900	160	5,550	3,333	...	...	1
	Total ...	59,042	5,048	22,644	936	67	3,579	972	6,791	99,079	3,851	1	208	5,293
Dera Gházi Khan	Irrigated ...	52,909	22,253	13,428	46	31	1,760	200	1,345	91,972	468	...	81	69
	Unirrigated ...	249	127,536	65,469	3,866	...	3,005	2,209	136	202,470	161	976	...	...
	Total ...	53,158	149,789	78,897	3,912	31	4,765	2,409	1,481	294,442	629	976	81	69
GRAND TOTAL ...	Irrigated ...	719,077	141,821	193,354	7,521	294,310	33,307	29,675	34,005	1,453,070	39,314	38	15,782	413,046
	Unirrigated ...	278,503	682,515	2,348,046	23,073	923,575	72,021	463,581	618,447	5,409,761	82,421	1,090	2,156	89,716
	Total ...	997,580	824,336	2,541,400	30,594	1,217,885	105,328	493,256	652,452	6,862,831	121,735	1,128	17,938	502,762
	Last year's figures...	1,063,598	1,493,714	3.033,211	32,692	1,270,420	162,335	550,309	533,036	8,139,315	245,972	914	31,145	414,110
	Difference + or —	— 66,018	— 669,378	— 491,811	— 2,098	— 52,535	— 57,007	— 57,053	+ 119,416	—1,276,484	— 124,237	+ 214	— 13,207	+ 88,652

STATEMENT No. III-A.—*Return of Crops, in acres, for the Kharif 1917*—continued.

1	2	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
District.	Irrigated or unirrigated.	Fibres.			Dyes.		Drugs and narcotics.		Fodder crop not shown otherwise.		Orchards and garden produce.	Miscellaneous food crops.	Miscellaneous non-food crops.	Total area of crops sown.	Total area of crops failed.	Total area of crops matured.	Area sown more than once.
		Cotton.	Hemp.	Others.	Indigo.	Mehdi and others.	Tea.	Others.	Chari.	Others.							
Hisar ...	Irrigated ...	58,645	615	...	88	...	...	...	8,830	12,191	649	4	...	108,340	23,357	84,983	...
	Unirrigated ...	2,080	729	...	118		.	...	65,678	364,474	437	...	...	1,366,261	207,214	1,159,047	..
	Total ...	60,725	1,344	.	206	...	...	...	74,508	376,665	1,086	4	...	1,474,601	230,571	1,244,030	...
Rohtak ...	Irrigated ...	45,439	1,888	136	2,817	...	.	...	2,113	737	564	161	14	103,849	23,679	80,170	...
	Unirrigated ...	20,197	1,051	180	80	...	...	...	67,007	110,007	389	313	30	648,300	184,608	463,692	9
	Total ...	65,636	2,939	316	2,897	...	...	...	69,120	110,744	953	474	44	752,149	208,287	543,862	9
Gurgáon ...	Irrigated ..	24,728	695	...	466	1	...	1	2,325	1,329	418	...	...	55,422	32,088	23,334	6
	Unirrigated ...	76,803	1,893	...	38	884	...	19	44,631	73,866	657	...	...	648,922	328,518	320,404	9
	Total ...	101,531	2,588	...	504	885	...	20	46,956	75,195	1,075	...	...	704,344	360,606	343,738	15
Karnál ...	Irrigated ...	44,312	1,185	262	581	1	...	...	1,466	1,148	310	107	...	115,342	11,473	103,869	2
	Unirrigated ...	24,133	950	457	245	2	...	...	75,492	30,650	122	222	...	429,237	68,604	360,633	40
	Total ...	68,445	2,135	719	826	3	...	...	76,958	31,798	432	329	...	544,579	80,077	464,502	42
Ambála ...	Irrigated ...	236	9	...	32	...	...	...	195	8	225	3	...	9,259	233	9,026	...
	Unirrigated ...	56,297	1,525	71	1,043	34	..	...	117,855	18,377	557	33	3	441,676	49,951	391,725	8
	Total ...	56,533	1,534	71	1,075	34	...	..	118,050	18,385	782	36	3	450,935	50,184	400,751	8
Simla ...	Irrigated ...	...	...	...	...	...	...	...	...	...	19	1	..	601	17	584	...
	Unirrigated ...	3	...	...	...	..	...	4	...	1	43	439	4	5,872	1,018	4,854	...
	Total ...	3	...	...	...	...	...	4	...	1	62	440	4	6,473	1,035	5,438	...

Kangra ...	*Irrigated* ...	655	60	4	...	...	4,198	5	12	2	818	75	...	95,726	2,199	93,527	4
	Unirrigated ...	8,907	3,001	297	...	...	5,601	460	653	497	2,344	560	...	313,191	25,185	288,006	...
	Total ...	9,562	3,061	301	-	...	9,799	465	665	499	3,162	635	...	408,917	27,384	381,533	4
Hoshiarpur ...	Irrigated ...	492	6	10	4	...	...	...	123	25	287	...	...	30, 33	234	30,599	17
	Unirrigated ...	29,040	5,125	134	2,230	...	...	...	66,793	47,215	11,796	3	...	41[illegible],855	58,952	357,903	749
	Total ...	29,532	5,131	144	2,234	...	...	...	66,916	47,240	12,083	3	...	447,688	59,186	388,502	766
Jullundur ...	Irrigated ...	13,528	137	73	87	...	...	...	1,228	50	448	101	...	56,566	11,086	45,480	22
	Unirrigated ...	20,393	2,919	14	439	...	...	...	129,988	6,994	408	60	...	289,160	46,155	243,005	39
	Total ...	33,921	3,056	92	526	...	...	...	131,216	7,044	856	161	...	345,726	57,241	288,485	61
Ludhiana ...	Irrigated ...	12,658	147	150	48	1	...	1	2,088	1,028	226	18	9	41,467	2,430	39,037	4
	Unirrigated ...	8,234	2,040	130	770	...	...	...	75,374	30,586	59	173	400	288,785	44,722	244,063	1
	Total ...	20,892	2,187	280	818	1	...	1	77,462	31,614	285	191	409	330,252	47,152	283,100	5
Ferozepore ...	Irrigated ...	13,383	1,866	2	...	...	...	...	62,122	66,411	1,075	128	...	232,343	32,400	199,943	424
	Unirrigated ...	1,824	645	8	...	...	...	...	59,683	162,612	345	103	...	364,271	77,190	287,081	46
	Total ...	15,207	2,511	10	...	...	...	...	121,805	229,023	1,420	231	...	596,614	109,590	487,024	470
Lahore ...	Irrigated ...	162,802	1,491	20	22	59	...	...	64,637	29,001	2,622	131	78	352,302	118,143	234,159	714
	Unirrigated ...	13,542	124	5	...	12	...	...	12,378	20,542	394	79	5	86,918	36,009	50,909	119
	Total ...	176,344	1,615	25	22	71	...	...	77,015	43,553	3,016	210	83	439,220	154,152	285,068	833
Amritsar ...	Irrigatad ...	55,599	586	122	...	...	...	...	24,397	10,930	1,693	...	...	186,854	29,803	157,051	147
	Unirrigated ...	22,777	556	28	...	...	...	...	31,354	30,122	346	...	...	138,759	31,299	107,460	44
	Total ...	78,376	1,142	150	...	...	...	...	55,751	41,052	2,039	...	...	325,613	61,102	264,511	191
Gurdaspur ...	Irrigated ...	5,939	98	15	...	...	...	...	1,699	105	808	33	1	87,371	2,205	85,166	16
	Unirrigated ...	27,099	3,406	24	13	...	...	...	68,559	5,454	1,226	178	271	357,524	19,653	297,871	49
	Total ...	33,038	3,504	39	13	...	...	...	70,258	5,559	2,034	211	272	444,895	61,858	383,037	65
Sialkot ...	Irrigated ...	18,314	93	49	...	...	...	...	893	51	1,354	...	...	122,698	12,869	109,829	53
	Unirrigated ...	20,647	2,973	39	...	...	...	...	44,846	6,290	8[illegible]6	...	...	249,528	67,163	182,365	69
	Total ...	38,961	3,066	88	...	...	...	...	45,739	6,341	2,180	...	...	372,226	80,032	292,194	122

STATEMENT No. III-A.—*Return of crops, in acres, for the Kharif 1917*—concluded.

1	2	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
District.	Irrigated or unirrigated.	FIBRES.			DYES.		DRUGS AND NARCOTICS.		FODDER CROPS NOT SHOWN OTHERWISE.		Orchards and garden produce.	Miscellaneous food crops.	Miscellaneous non-food crops.	Total area of crops sown.	Total area of crops failed.	Total area of crops matured.	Area sown more than once.
		Cotton.	Hemp.	Others.	Indigo.	Me hdi and others.	Tea.	Others.	Chari.	Others.							
Gujránwála ...	Irrigated ...	91,657	662	26	...	52	...	...	31,031	4,097	1,028	1	...	365,341	40,374	324,967	429
	Unirrigated ...	1,948	121	13	2	6	...	...	19,748	6,778	1,342	1	...	106,150	28,952	77,198	35
	Total ...	93,605	783	39	2	58	...	...	50,779	10,875	2,370	2	...	471,491	69,326	402,165	464
Gujrát ...	Irrigated ...	35,766	101	21	44	...	...	...	2,742	473	228	...	1	76,877	9,267	67,610	41
	Unirrigated ...	3,998	1,737	3	11	...	...	...	19,021	1,279	28	...	2	244,598	41,703	202,895	3
	Total ...	39,764	1,838	24	55	...	...	...	21,763	1,752	256	...	3	321,475	50,970	270,505	44
Shahpur ...	Irrigated ...	94,220	505	36	8	791	...	...	32,305	14,997	740	94	7	214,118	20,396	193,722	865
	Unirrigated ...	2,243	66	...	...	...	...	...	7,927	1,546	67	18,734	...	139,736	17,092	122,644	11
	Total ...	96,463	571	36	8	791		...	40,232	16,543	807	18,828	7	353,854	37,488	316,366	876
Jhelum ...	Irrigated ...	1,594	5	3	...	...	...	...	244	46	199	...	...	7,032	140	6,892	96
	Unirrigated ...	7,267	1,093	1	...	...	...	...	15,503	908	127	...	...	265,796	33,710	232,086	3
	Total ...	8,861	1,098	4	...	...	...	...	15,747	954	326	...		272,828	33,850	238,978	99
Ráwalpindi ...	Irrigated ...	304	1	...	...	...	...	...	148	3	297	4	...	5,048	263	4,785	19
	Unirrigated ...	5,378	1,231	...	...	...	...	...	18,648	135	963	84	...	314,048	49,768	264,280	3
	Total ...	5,682	1,232	...	...	...	...	...	18,796	138	1,260	88	...	319,096	50,031	269,065	22
Attock ...	Irrigated ...	3,454	8	3	...	...	...	...	848	41	158	...	...	33,976	439	33,537	1,525
	Unirrigated ...	15,146	545	...	...	...	...	...	15,343	1,489	6	26	...	342,131	50,933	291,198	7
	Total ...	18,600	553	3	...	...	...	...	16,191	1,530	164	26	...	376,107	51,372	324,735	1,532

Miánwáli ...	Irrigated ...	910	5	...	...	1	...	...	383	59	61	71	1	5,695	97	5,598	...
	Unirrigated ...	1,278	17	...	...	...	...	...	2,635	2,350	5	23,853	54	180,031	14,867	165,164	...
	Total ...	2,188	22	...	...	1	...	...	3,018	2,409	66	23,924	55	185,726	14,964	170,762	...
Montgomery ...	Irrigated ..	165,357	490	6	68	3	...	...	58,344	28,567	204	12	3	355,312	64,510	290,802	598
	Unirrigated ...	1,876	6	...	...	...	..	...	6,518	6,180	16	2	...	42,515	17,262	25,253	28
	Total ...	167,233	496	6	68	3	...	...	64,862	34,747	220	14	3	397,827	81,772	316,055	626
Lyallpur ...	Irrigated ...	166,759	2,351	129	299	20	...	...	48,760	49,313	1,610	...	4	418,967	11,808	407,15	721
	Unirrigated ...	189	10	...	2	...	...	...	2,592	2,181	690	...	20	11,947	982	10,965	8
	Total ...	166,948	2,3 1	129	301	20	...	...	51,352	51,494	2,300	...	24	430,914	12,790	418,124	729
Jhang ...	Irrigated ...	54,889	122	94	5	...	...	...	24,963	13,804	470	12	14	174,560	5,255	169,305	783
	Unirrigated ...	133	...	...	...	...	...	...	3,094	2,508	108	3,338	33	49,666	12,425	37,241	181
	Total ...	55,022	122	94	5		...	...	28,057	16,312	578	3,350	47	224,226	17,680	206,546	964
Multán ...	Irrigated ...	139,102	256	3	40,967	150	...	...	62,741	24,868	2,479	67	16	463,408	107,059	356,349	1,900
	Unirrigated ...	401	2	...	3	3	...	...	?,300	922	24	17	1	27,756	10,413	17,343	37
	Total ...	139,503	258	3	40,970	153	...	...	65,041	25,790	2,503	84	17	491,164	117,472	373,692	1,937
Muzaffargarh ...	Irrigated ...	27,991	3		30,795	...	...	...	16,785	2,500	276	...	...	177,898	32,510	145,388	118
	Unirrigated ...	229	...	...	1	...	...	...	1,842	26	1,086	...	...	12,068	2,181	9,887	2
	Total ...	28,220	3	...	30,796	...	...	...	18,627	2,526	1,362	...	..	1?9,96?	34,691	155,275	120
Dera Gházi Khan.	Irrigated ...	26,103	1	25	9,257	3	...	...	7,442	162	212	...	44	135,839	54,875	80,964	7
	Unirrigated ...	3,513	...	...	...	..	...	...	3,155	293	34	...	...	210,6?2	40,182	170,420	...
	Total ...	29,616	1	25	9,257	3	...	...	10,597	455	246	...	44	346,441	95,057	251,384	7
GRAND TOTAL	Irrigated ...	1,264,836	13,386	1,194	85,588	1,082	4,198	7	458,864	261,946	19,478	1,023	192	4,033,044	649,209	3,383,835	8,511
	Unirrigated ...	375,575	31,765	1,404	4,995	9?1	5,601	483	978,617	934,292	24,445	48,218	823	7,992,303	1,606,711	6,385,592	1,500
	Total ...	1,640,411	45,151	2,598	90,583	2,023	9,799	490	1,437,481	1,196,238	43,923	49,241	1,015	12,025,347	2,255,920	9,769,427	10,011
	Last year's figures.	1,064,581	49,116	2,548	60,366	2,077	9,874	510	1,734,133	933,157	53,501	58,966	98?	12,801,266	1,285,925	11,515,341	12,383
	Difference + or −	+ 575,830	− 3,965	+ 50	+ 30,217	− 54	− 75	− 20	− 296,652	÷ 263,081	− 9,578	− 9,725	+ 34	− 775,919	+ 969,995	− 1,745,914	− 2,372

STATEMENT V.—*Statement showing the outturn per acre of the principal crops compared with normal, expressed in percentages on the normal.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14
		RICE (UNHUSKED).						JOWAR.					
		IRRIGATED.			UNIRRIGATED.			IRRIGATED.			UNIRRIGATED.		
			Percentage of the outturn per acre on the normal in the			*Percentage of the outturn per acre on the normal in the*			*Percentage of the outturn per acre on the normal in the*			*Percentage of the outturn per acre on the normal in the*	
Serial No.	DISTRICT.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.
1	Hissar	...	...	...	...	...	...	480	25	35	340	25	*50
2	Rohtak	...	...	...	...	...	...	800	25	5	520	30	*10
3	Gurgaon	...	...	...	...	...	...	600	15	5	440	15	*5
4	Karnal	870	160	130	570	175	*200	520	35	35	330	55	*45
5	Ambála	1,100	100	95	720	100	*95	...	...	...	...	...	...
6	Simla	...	...	...	...	...	...	...	...	...	...	...	...
7	Kángra	960	90	*90	640	95	*100	...	...	...	...	...	
8	Hoshiárpur	1,500	100	*105	900	100	*100	...	...	...	...	...	...
9	Jullundur	...	...	...	...	...	...	...	...	...	...	...	...
10	Ludhiána	...	...	...	...	...	...	...	...	...	...	...	...
11	Ferozepore	...	...	...	...	...	...	520	80	*30	360	45	*30
12	Lahore	1,280	120	*100	520	110	100	...	...	...	..	...	...
13	Amritsar	1,600	110	*100	840	100	100	..	...	...		...	...
14	Gurdáspur	1,240	105	*100	830	105	*100	...	...	...	...	...	...
15	Siálkot	1,600	110	*100	1,000	105	*100		...		...		...
16	Gujránwála	1,700	100	*65	1,200	100	80	...	...	...	...	...	...
17	Gujrát	...	...	...	...	...	...	...	...	...	...	...	...
18	Shahpur	...	...	...	...	...	...	...	...	...	...	...	...
19	Jhelum	...	...	..	...	...	...	...	...	...	...	...	...
20	Ráwalpindi	...	...	...	...	...	...	...	...	...	...	...	...
21	Attock	...	...	...	...	...	...		...	...	...		...
22	Miánwáli	...	...	...	...	...	...	...	...		...	...	...
23	Montgomery	...	...	...	...	...	...	...	...	...	.	...	...
24	Lyallpur	...	...	...		...	...	560	100	50	...	...	...
25	Jhang	...	...	...	...	...	...	560	60	*20	460	60	20
26	Multán	...	...	...	...	...	...	470	50	*10	420	50	10
27	Muzaffargarh	1,000	90	*90	800	95	85	...	...	...	...	...	...
28	Dera Gházi Khan	800	110	*80	780	100	80	430	100	*70	210	100	*80

NOTE.—Districts in which the particular crops are important are marked with*.

STATEMENT V.—*Statement showing the outturn per acre of the principal crops compared with normal, expressed in percentages on the normal*—continued.

1	2	15	16	17	18	19	20	21	22	23	24	25	26
		BAJRA.						MAIZE.					
		IRRIGATED.			UNIRRIGATED.			IRRIGATED.			UNIRRIGATED.		
			Percentage of the outturn per acre on the normal in the			*Percentage of the outturn per acre on the normal in the*			*Percentage of the outturn per acre on the normal in the*			*Percentage of the outturn per acre on the normal in the*	
Serial No.	DISTRICT.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.
1	Hissar	460	100	50	320	85	*50	...	...	...	...	...	...
2	Rohtak	470	115	50	420	95	*45	...	...	...	...	...	...
3	Gurgaon	520	80	30	340	75	*45	...	...	...	...	...	...
4	Karnál	500	110	80	330	130	115	1,120	100	105	640	130	*120
5	Ambála	...	...	...	...	...	...	1,120	80	80	700	90	*90
6	Simla	...	...	...	...	...	...	...	...	...	...	...	...
7	Kángra	...	...	...	...	...	...	720	85	70	720	90	*75
8	Hoshiárpur	...	...	...	...	...	...	1,360	100	90	900	100	*70
9	Jullundur	...	...	...	...	...	...	1,400	100	*70	860	90	60
10	Ludhiána	...	...	...	...	...	...	1,560	105	*80	720	100	80
11	Ferozepore	480	100	*20	320	100	*20	1,200	60	*25	600	40	40
12	Lahore	...	...	...	...	...	...	1,100	30	*25	480	25	25
13	Amritsar	...	...	...	...	...	...	1,130	100	*15	670	100	30
14	Gurdáspur	...	...	...	...	...	...	1,120	105	30	750	105	*30
15	Siálkot	...	...	...	...	...	...	1,020	90	50	720	90	*50
16	Gujránwála	...	...	...	...	...	...	840	60	*55	500	60	55
17	Gujrát	680	110	50	540	110	*50	860	35	45	620	35	45
18	Shahpur	640	100	*100	430	125	*100	...	...	...	...	...	...
19	Jhelum	780	85	60	440	90	*70	...	...	...	...	...	...
20	Ráwalpindi	710	100	100	380	100	*80	1,270	80	60	1,000	80	*90
21	Attock	800	100	100	350	100	*100	...	...	...	...	...	...
22	Miánwáli	480	110	105	420	100	*80	...	...	...	...	...	...
23	Montgomery	...	...	...	...	...	...	...	...	...	...	...	...
24	Lyallpur	...	...	...	...	...	...	800	100	*70	560	...	...
25	Jhang	...	...	...	...	...	...	...	...	...	...	...	...
26	Multán	...	...	...	...	...	...	...	...	...	...	...	...
27	Muzaffargarh	...	...	...	...	...	...	...	...	...	...	...	...
28	Dera Gházi Khan	...	...	...	...	...	...	...	...	...	...	...	...

Note.—Districts in which the particular crops are important are marked with*.

STATEMENT V.—*Statement showing the outturn per acre of the principal crops compared with normal, expressed in percentages on the normal*—concluded.

1	2	27	28	29	30	31	32	33	34	35	36	37	38
		SUGAR (RAW).						COTTON.					
		IRRIGATED.			UNIRRIGATED.			IRRIGATED.			UNIRRIGATED.		
			Percentage of the outturn per acre on the normal in the			*Percentage of the outturn per acre on the normal in the*			*Percentage of the outturn per acre on the normal in the*			*Percentage of the outturn per acre on the normal in the*	
Serial No.	DISTRICT.*	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.	Estimated normal outturn per acre in lbs.	Preceding year.	Year under report.
1	Hissar	...	...	...	...	...	...	453	85	*40	287	90	35
2	Rohtak	2,650	90	*100	1,740	90	110	580	90	10	350	65	*15
3	Gurgaon	...	...	...	...	...	...	467	70	15	387	50	*15
4	Karnál	2,140	105	*110	1,250	115	155	583	95	*25	*320	80	*20
5	Ambála	2,140	100	100	1,840	90	*100	480	100	90	320	95	*90
6	Simla	...	...	...	...	...	...	...	...	...	...	...	...
7	Kángra	...	...	...	...	...	...	...	...	...	...	...	...
8	Hoshiárpur	2,000	95	105	1,500	90	*100	547	105	40	327	95	*40
9	Jullundur	2,300	100	*110	1,600	80	100	640	100	*25	440	90	25
10	Ludhiána	2,000	115	100	1,400	100	100	553	90	*25	273	100	25
11	Ferozepore	...	...	...	...	...	...	400	85	25	280	80	20
12	Lahore	1,700	120	110	1,000	...	100	440	100	*25	240	100	20
13	Amritsar	2,000	100	*100	1,150	100	100	490	90	*12	283	70	20
14	Gurdáspur	2,300	105	75	1,520	105	*75	420	105	25	310	100	*25
15	Siálkot	1,640	110	*100	1,200	100	*100	450	100	*15	320	95	*10
16	Gujránwála	1,280	100	*85	1,070	100	75	340	95	*45	253	85	40
17	Gujrát	1,300	100	110	780	100	55	480	85	50	300	75	*50
18	Shahpur	1,600	110	100	...	...	...	440	85	*70	220	100	70
19	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...
20	Ráwalpindi	...	...	...	...	...	...	...	...	...	...	...	...
21	Attock	...	...	...	...	...	...	...	...	...	...	...	...
22	Miánwáli	...	...	...	...	...	...	...	...	...	...	...	...
23	Montgomery	...	...	...	...	...	...	380	95	*65	230	50	50
24	Lyallpur	1,500	125	*125	...	...	...	413	120	*110	257	...	..
25	Jhang	...	...	...	...	...	...	357	100	*100	257	105	100
26	Multán	...	...	...	...	...	...	320	100	*75	220	90	40
27	Muzaffargarh	...	...	...	...	...	...	267	55	*60	173	55	40
28	Dera Ghází Khan	...	...	...	...	...	...	333	85	*60	207	70	100

RAHIM BAKHSH,

Director of Land Records, Punjab.

NOTE.—Districts in which the particular crops are important are marked with *.

IRRIGATION OPERATIONS OF FASL RABI OF 1917-18
UP TO 31st JANUARY 1918.

2521PGG

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during January 1918. — Depth in Canal at regulating gauge. — Authorized maximum gauge.	Actual throughout January 1918.	Gross consumption, cubic feet per second. — Authorized full supply.	Actual average throughout January 1918
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
Western Jumna Canal.				
At Dádupur	4·50	2·89	6,430	3,239
Main Line, Major Distributaries	...	...	530	311
Ditto Escapes	...	..	...	5
Sirsa Branch	8·9	3·67	1,790	765
Delhi Branch	8·2	3·87	1,725	656
Hánsi Branch	8·70	5·27	2,190	1,028
Loss in Main Line	...	...	...	474
Total ...	...	...	...	3,239
Deduct Escapage	...	..	...	26
Net utilized ...	...	..	...	3,213
Sirhind Canal.				
Main Line	12·0	7·41	8,500	4,188
Abohar Branch	8·0	3·09	3,155	920
Bhatinda "	7·1	3·29	2,306	801
Feeders	11·0	7·71	3,080	2,161
Loss in Main Line	...	...	...	306
Total ...	..	...	...	4,188
Deduct British Escapes	...	...	...	219
Net utilized ...	...	...	...	3,969
Upper Bari Doab Canal.				
Head Gauge, Rapid No. 2	4·42	2·70	4,800	2,298
Salampur Feeder	4·70	...	1,900	...
Total entering Canal ..	...	...	6,700	2,298
Kasúr Branch at Malliani Fall	3·42	1·56	740	303
Sobráon Branch at Sathiáli Fall	6·00	2·02	882	287
Main Line and Main Branch, Upper Distributaries ...	...	...	...	...
Main Branch, Lower	4·98	1·75	2,559	779
Lahore Branch	3·25	1·8	1,225	561
Absorption	...	...	...	368
Total ...	...	...	...	2,298
Deduct Escapage	...	...	...	7
Net utilized ...	...	...	...	2,291

PUNJAB, IRRIGATION BRANCH.

of 1917-18 up to 31st January 1918.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* January 1918.	Area irrigated *to end of* January 1918.	Area irrigated *to end of* January 1917.	
6	7	8	9	10	11	12	13	14	15
Ambála ...	998		1·26	0·40	Wheat ...	53,030	68,313	209,347	The canal was in flow for 28 days during the month.
Karnál ...	92,531		0·61	0·27	Barley ...	2,273	3,041	13,228	
Rohtak ...	54,738		0·70	0·53	Mixed grain .	5,530	8,205	47,517	
Delhi ...	11,098	40	0·70	0·15	Sarson ...	224	498	7,936	
Hissar ...	32,783		0·39	0·20	Gram ...	3,287	10,048	80,752	
Jínd ...	19,607		0·68	0·10	Senji ...	82	297	447	
Bikáner ...	84	20	0·28	...	Miscellaneous	9,290	56,742	80,823	
Kalsia ...	683	...	...	...	Sugarcane* ...	...	85,405	61,918	
Patiála ...	20,027	26	0·69	0·11					
...	232,549	...	...	...	...	† 73,716	† 232,549	† 501,968	
Ludhiána ...	7,621		1·02	0·04	Wheat ...	24,448	57,051	355,515	The canal was in flow for 16 days during the month.
Ferozepore ...	121,197		...	0·17	Barley ...	4,450	12,201	118,409	
Hissar ...	363		0·39	0·03	Mixed grain...	—741	669	13,267	
Farídkot State	25,550	34	...	...	Sarson ...	149	662	7,470	
Patiála State...	104,739				Gram ...	4,219	37,439	170,982	
Nábha State...	21,578		0·89	0·12	Senji ...	3,383	13,279	40,525	
Jínd State ...	2,947				Miscellaneous	18,594	154,044	135,790	
Kalsia State...	904		...	.	Sugarcane* ...	...	9,554	5,589	
...	284,899	...	...	...	...	‡ 54,502	*‡ 284,899	‡ 847,547	
Gurdáspur ...	32,177		2·19	0·06	Wheat ...	74,615	143,172	216,147	The canal was in flow throughout the month.
Amritsar ...	353,158	38	1·42	0·03	Barley ...	1,696	3,943	4,387	
Lahore ...	107,524		1·03	0·17	Mixed grain...	48,951	95,341	111,678	
Montgomery...	...	...	...	...	Sarson ...	1,150	2,101	2,513	
					Gram ...	26,467	69,734	67,833	
					Senji ...	34,886	59,559	72,782	
					Miscellaneous	6,987	67,817	111,764	
					Sugarcane* .	...	46,192	41,649	
...	492,859	...	...	...	...	194,752	492,859	628,751	

* Sugarcane being irrigated in both seasons, the area sown in the previous *kharif* is now included in the *rabi* statement.

† Includes the following areas irrigated in the Native States of Patiála and Jind :—

	During January 1918.	*To nd of January* 1918.	*To end of January* 1917.
Patiála State, Sirsa Branch	4,410 acres.	20,027 acres.	47,258 acres.
Jind State, Hánsi Branch	7,128 "	19,607 "	36,255 "

‡ Includes the following areas irrigated by the Native States Branches :—

	During January 1918.	*To end of January* 1918.	*To end of January* 1917.
Patiála State	19,483 acres.	89,012 acres.	262,264 acres.
Nábha State	3,225 "	13,126 "	27,148 "
Jínd State	1,724 "	2,593 "	21,646 "
Total ...	24,432 "	104,731	311,058 "

Irrigation Operations of East Rabi

	Canals.	Water distributed during January 1918			
		Depth in Canal at regulating gauge.		*Gross consumption, cubic feet, per second.*	
		Authorized maximum gauge.	Actual throughout January 1918.	Authorized full supply.	Actual average throughout January 1918.
	1	2	3	4	5
	MAJOR IRRIGATION WORKS—continued.				
Lower Bari Doab Canal.	Supply at head	9·6	4·17	6,750	1,829
	Add—Share of absorption in Main Line, Upper and Lower, Upper Chenab Canal, debitable to Lower Bari Doab Canal.	...	...	...	253
	Total ...	...	...	...	2,082
	Deduct Escapage	...	...	...	34
	Net utilized	...	...	...	2,048
Upper Chenab Canal.	Main Line, Upper, at Meràla	11·77	5·41	11,742	3,431
	Main Line, Lower, at Bambanwàla	...	...	...	3,009
	Nokhar Branch	...	...	...	24
	Raya Branch	6·4	...	1,445	118
	Loss by absorption	...	...	...	280
	Total	...	...	...	3,431
	Deduct—Passed on to River Ravi ... 1,600 }	...	...	...	1,853
	" Share of loss by absorption in Main Line, debitable to Lower Bari Doab Canal. 253 }				
	" Escapage	...	...	...	...
	Net utilized ...	...	...	...	1,578
Lower Chenab Canal.	Main Line	11·6	10·55	10,730	8,245
	Kot Nikka Branch	4·3	3·31	307	120
	Miàn Ali "	9·0	7·56	574	535
	Rakh "	5·7	7·15	1,113	944
	Jhang Branch { Upper	9·0	7·94	2,942	651
	Jhang Branch { Lower	7·0	7·6	1,244	1,272
	Bhawàna Branch	6·0	5·8	422	375
	Gugera Branch (including Buràla Branch)	10·0	8·15	4,638	3,815
	Distributaries of Main Line	...	...	590	41
	Loss in Main Line	...	..	268	492
	Total ...	...	...	...	8,245
	Deduct Escapage	...	...	...	81
	Net utilized ...	...	...	...	8,164
Upper Jhelum Canal.	Jaggu at R. D. 123,000 feet, Main Line	9·6	6·04	8,380	3,805
	(*a*) Gujrat Branch	6·2	3·03	1,728	742
	(*b*) Main Line Distributaries	...	...	...	72
	(*c*) Loss by absorption (10 per cent. of (*a*) + (*b*))	...	...	...	81
	Passed on to River Chenab at R. D. 418,500, feet, Main Line	...	...	...	2,91[illegible]
	Total ...	...	...	...	3,805
	Deduct Escapage	...	...	...	...
	Net utilized (*a*) + (*b*) + (*c*) ...	...	...	...	895
Lower Jhelum Canal.	Main Line	8·9	6·92	3,750	3,043
	Northern Branch	7·0	7·23	1,750	1,570
	Southern Branch	5·5	4·48	1,274	948
	Southern Feeder	5·7	5·60	390	360
	Main Line Distributaries	...	...	...	153
	Loss in Main Line	...	...	...	12
	Total ...	...	...	...	3,043
	Deduct Escapage	...	...	...	71
	Net utilized ...	...	...	...	2,972

of 1917-18 up to 31st January 1918—continued

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* January 1918.	Area irrigated *to end of* January 1918.	Area irrigated *to end of* January 1917.	
6	7	8	9	10	11	12	13	14	15
Lahore ...	1,455	9	0·56	0·12	Wheat ...	21,558	201,989	154,527	The canal was in flow throughout the month.
Montgomery...	243,729	10	0·38	0·01	Barley ...	620	4,617	3,530	
Multán ...	90,043	10	0·09	...	Mixed grain ...	235	2,354	833	
					Sarson and toria	241	22,986	29,750	
					Gram ...	414	7,822	6,045	
					Senji	1,894	5,260	3,636	
					Miscellaneous	9,066	82,339	68,913	
					Sugarcane* ...	—81	7,860	2,809	
...	335,227	...	...	...	...	33,947	335,227	270,043	
Lahore ...	744	...	...	...	Wheat ...	17,200	57,380	70,099	The canal was in flow for 30 days during the month.
Gujránwála ...	104,334	12	0·77	0·01	Barley ...	487	1,550	2,247	
Siálkot ...	3,533	12	0·94	0·19	Mixed grain ...	867	1,966	2,977	
Lyallpur	15,717	3	...	...	Sarson and toria	725	9,061	7,763	
Area under sugarcane.	6,791	...	...	...	Gram ...	1,186	5,203	8,392	
					Senji ...	1,286	6,090	6,071	
					Miscellaneous	4,717	43,078	49,309	
					Sugarcane* ...	...	6,791	7,749	
...	131,119	...	...	..	...	26,468	131,119	154,607	
Gujránwála ...	277,121	30	0·82	0·07	Wheat ...	98,396	897,860	906,657	The canal was in flow for 20 days during the month.
Jhang ...	193,982	30	0·28	...	Barley ...	600	14,887	15,425	
Lyallpur ...	1,036,506	13	0·29	0·01	Mixed grain ...	1,278	29,488	22,094	
Area under sugarcane.	67,438	...	...	...	Sarson and toria	6,864	214,706	233,759	
					Toria and gram	...	3,463	...	
					Gram ...	5,805	92,319	89,075	
					Senji ...	9,231	99,696	104,495	
					Miscellaneous	—47,758	155,190	177,911	
					Sugarcane*	...	67,438	62,422	
...	1,575,047	...	...	...	...	74,416	† 1,575,047	1,611,838	
Shahpur ...	780	...	...	...	Wheat ...	13,212	68,666	59,291	The canal was in flow for 25 days during the month.
Gujrát ...	97,928	...	...	...	Barley ...	448	1,408	1,181	
Area under sugarcane.	2,517	...	...	...	Mixed grain...	54	175	245	
					Sarson and toria	450	12,846	5,379	
					Gram ...	280	954	456	
					Senji ...	110	267	300	
					Miscellaneous	—518	14,392	7,507	
					Sugarcane* ..	...	2,517	244	
...	101,225	...	...	...	...	14,036	101,225	74,603	
Shahpur ...	451,460	15	0·60	0·02	Wheat ...	32,403	325,943	331,401	The canal was in flow for 14 days during the month.
Jhang ...	82,638	15	0·36	0·11	Barley ...	1,514	10,718	11,123	
Gujrát ...	7,189	...	...	...	Mixed grain...	...	...	...	
					Sarson ...	14	63,169	70,580	
					Gram	591	7,260	7,349	
					Senji ...	2,393	10,016	9,474	
					Miscellaneous	9,113	115,935	130,019	
					Sugarcane* ...	...	8,246	6,109	
...	541,281	...	...	...	...	46,628	541,287	566,055	

* Sugarcane being irrigated in both seasons, the area sown and irrigated in the previous *kharif* is now included in the *rabi* statement.
† Includes 3,409 acres on account of temporary cultivation.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during January 1918.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet, per second.*	
	Authorized maximum gauge.	Actual throughout January 1918.	Authorized full supply.	Actual average throughout January 1918.
1	2	3	4	5
MAJOR IRRIGATION WORKS—concluded.				
Upper Sutlej Inundation Canals. — Lower Sohág and Pára Canal	7·0	...	1,420	...
Upper Sutlej Inundation Canals. — Katora Canal	7·0	...	685	...
Upper Sutlej Inundation Canals. — Khánwáh Canal	7·0	...	1,290	...
Upper Sutlej Inundation Canals. — Upper Sohág Canal	7·0	...	1,540	...
Total ...	...	...	...	...
Sidhnai Canal	7·0	4·0	1,820	449
Subsidiary Canals	12·3	3·5	540	114
Total ...	...	...	...	...
Indus Inundation Canals	...	...	...	...
Total ...	...	...	...	...
Abstract—Major Irrigation Works—				
Western Jumna Canal	...	...	...	...
Sirhind Canal	...	...	...	...
Upper Bari Doab Canal	...	...	...	...
Lower Bari Doab Canal	...	...	...	...
Upper Chenab Canal	...	...	...	...
Lower Chenab Canal	...	...	...	...
Upper Jhelum Canal	...	...	...	...
Lower Jhelum Canal	...	...	...	...
Upper Sutlej Inundation Canals	...	...	...	...
Sidhnai Canal	...	...	...	...
Indus Inundation Canals	...	...	...	...
Total ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Shahpur Canals (Imperial). — Eastern Station Canal	6·0	...	350	...
Shahpur Canals (Imperial). — Western Station Canal	6·0	...	200	...
Shahpur Canals (Imperial). — Sáhiwál Canal	8·0	...	550	...
Total ...	...	...	...	...

of 1917-18 up to 31st January 1918—continued.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* January 1918.	Area irrigated *to end of* January 1918.	Area irrigated *to end of* January 1917.	
6	7	8	9	10	11	12	13	14	15
Montgomery ...	222,629	24	0·53	0·27	Wheat ...	17,562	82,457	50,981	
Lahore ...	48,890		0·83	0·26	Barley ...	245	1,868	902	
					Mixed grain ...	9,964	62,220	49,563	
					Sarson ...	19	460	70	
					Gram ...	9,108	41,6[illegible]6	28,588	
					Senji ...	9	42	94	
					Miscellaneous	19,772	65,818	28,470	
					Total ...	56,679	254,521	158,668	
					Palever * ...	—38,549	16,998	12,348	
...	271,519	...	...	...	Grand total ...	18,130	271,519	171,016	
Multán ...	183,519	56	0·68	0·03	Wheat ...	2,600	104,108	111,674	
					Barley ...	304	2,777	4,817	
					Mixed grain ...	—1	154	...	
					Sarson ...	...	2,286	4,740	
					Gram ...	407	17,033	18,543	
					Senji ...	32	529	482	
					Miscellaneous	1,967	56,553	31,850	
					Sugarcane * ...	...	79	57	
...	183,519	...	...	...	...	5,309	183,519	172,163	
D. G. Khan ...	63,168	...	...	...	Wheat ...				
					Barley ...				
					Mixed grain ...				
					Sarson ...	...	63,168	91,474	
					Gram ...				
					Senji ...				
					Miscellaneous				
					Sugarcane* ...				
...	63,168	...	...	...	...	...	63,168	91,474	
...	232,549	...	...	...	...	73,716	232,549	501,968	
...	284,899	...	...	...	...	54,502	284,899	847,547	
...	492,859	...	...	...	...	194,752	492,859	628,751	
...	335,227	...	...	...	...	33,947	335,227	270,043	
...	131,119	...	...	...	...	26,468	131,119	154,607	
...	1,575,047	...	...	...	...	74,416	1,575,047	1,611,838	
...	101,225	...	...	...	...	14,036	101,225	74,603	
...	541,287	...	...	...	...	46,628	541,287	566,055	
...	271,519	...	...	...	...	18,130	271,519	171,016	
...	183,519	...	...	...	...	5,309	183,519	172,163	
...	63,168	...	...	...	...	...	63,168	91,474	
...	4,212,418	...	..		...	541,904	4,212,418	5,090,065	
Shahpur ...	32,592	28	0·92	0·02	Wheat ...				
					Barley ...				
					Mixed grain ...				
					Sarson ...	562	25,806	28,005	
					Gram ...				
					Senji ...				
					Miscellaneous				
					Total ...	562	25,806	28,005	
					Palever ...	...	6,786	...	
...	32,592	...	...	...	Grand total ...	562	32,592	28,005	

*Sugarcane being irrigated in both seasons, the area sown and irrigated in the previous *kharif* is now included in the *rabi* statement.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during January 1918. Depth in Canal at regulating gauge. Authorized maximum gauge.	Water distributed during January 1918. Depth in Canal at regulating gauge. Actual throughout January 1918.	Water distributed during January 1918. Gross consumption, cubic feet, per second. Authorized full supply.	Water distributed during January 1918. Gross consumption, cubic feet, per second. Actual average throughout January 1918.
1	2	3	4	5
MINOR IRRIGATION WORKS—concluded.				
	...	...	...	...
Lower Sutlej Inundation Canals	...	...	...	...
Chenab Inundation Canals				
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals. Northern Canal Head	7·0	...	790	...
Ghaggar Canals. Southern " "	6·5	...	520	...
Ghaggar Canals. Minor Channels	...	...	100	...
Total utilized ...	...	...	1,410	...
Bikaner Border.				
Ghaggar Canals. Northern Canal	6·0	...	235	...
Ghaggar Canals. Southern "	5·0	...	316	...
Total Bikaner ...	...	...	551	...
Ghaggar Canals. Utilized in British Territory	...	...	859	...
Total ...	...	...	1,410	...
Abstract—Minor Irrigation Works—				
Shahpur Canals (Imperial)	...	...	...	...
Lower Sutlej Inundation Canals	...	...	...	...
Chenab Inundation Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals	...	...	...	...
Total ...	...	...	...	...
Shahpur Canals (Provincial). Western Feeder, Raniwah Canal	7·0	...	300	...
Shahpur Canals (Provincial). Eastern " " "	7·0	...	520	...
Shahpur Canals (Provincial). Corbynwah Canal	5·0	...	112	...
Total ...	...	...	...	...
Total Major Irrigation Works ...	...	...	...	...
Total Minor Irrigation Works ...	...	...	...	...
Total Major and Minor Irrigation Works (Imperial)	...	...	...	...
Shahpur Inundation Canals (Provincial)	...	...	...	...
Grand Total ...	...	...	...	...

Lahore:
The 5th March 1918.

of 1917-18 up 31st January 1918—concluded.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* January 1918.	Area irrigated *to end of* January 1918.	Area irrigated *to end of* January 1917.	
6	7	8	9	10	11	12	13	14	15
} Multán ...	{ 256,274	56	0·39	0·11	...	...	256,274	236,256	
	{ 133,105	56	0·63	...	...	...	133,105	124,085	
Muzaffargarh	255,231	5	0·61	0·19	...	...	255,231	234,857	
Hissar ...	12,122	...	...	...	Wheat ...	108	5,276	7.643	
Bikáner State	5,804	...	...	...	Barley ...	52	1,841	2.039	
					Mixed grain ...	40	2,185	7,319	
					Sarson ...	31	280	680	
					Gram ...	162	3,983	7,206	
					Senji ...	...	...	...	
					Miscellaneous	...	1,385	1.682	
					Total ...	393	14,950	26.569	
					Palever ...	363	2,976	4,838	
...	17,926	...	...	...	Grand Total ...	756	17,926	31,407	
...	32,592	...	...	...	...	562	32,592	28.005	
...	256,274	...	...	...	...	...	256,274	236,256	
...	133,105	...	...	...	...	...	133,105	124,085	
...	255,231	...	...	...	...	...	255,231	234,857	
...	17,926	...	...	...	...	756	17,926	31,407	
...	695,128	...	...	...	...	1,318	695,128	654,610	
} Shahpur ...	11,978	28	0·92	0·02	Wheat ...	} 125	10,103	12,981	
					Barley ...				
					Mixed grain...				
					Sarson ...				
					Gram ...				
					Senji ...				
					Miscellaneous				
					Total ...	...	10,103	12,981	
					Palever ...	...	1,875	...	
...	11,978	...	...	...	Grand Total ...	125	11,978	12,981	
...	4,212,418	...	...		...	541,904	4,212,418	5,090,065	
...	695,128	...	...	...	...	1,318	695,128	654,610	
...	4,907,546	...	...	...	...	543,222	4,907,546	5,744,675	
...	11,978	...	...	...	...	125	11,978	12,981	
...	4,919,524	...	...	...	...	543,347	4,919,524	5,757.656	

A. SAM. CORRIGAN,
Assistant Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 23rd February 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	5	8	13	5	1	4	...	...	...	1	1	...	...	3	...	2	2	40	15	1
2		Hánsi ...	14,576	11	7	18	8	6	2	...	...	...	2	1	1	...	4	2	...	2	64	29	2
3		Bhiwáni ...	31,100	9	12	21	46	26	20	...	4	12	14	...	3	...	13	2	4	6	35	77	3
4		Sirsa ...	14,629	6	1	7	10	5	5	...	1	...	3	...	5	...	1	1	3	4	25	36	4
5	Rohtak ...	Rohtak ...	19,862	11	12	23	11	7	4	...	1	...	4	...	...	1	5	1	2	3	61	29	5
6		Jhajjar ...	10,617	8	5	13	15	8	7	...	1	9	...	...	2	1	2	1		1	64	75	6
7		Sonepat ...	12,014	3	3	6	3	3	...	...	...	...	1	...	...	...	2	1	...	1	26	13	7
8	Gurgaon ...	Rewári ...	24,780	6	12	18	22	12	10	...	...	3	1	1	6	...	11	2	1	3	38	46	8
9	Karnál ...	Karnál ...	21,018	7	8	15	9	5	4	...	...	...	5	...	1	...	3	1	2	3	37	22	9
10		Kaithal ...	12,912	5	4	9	7	3	4	...	...	...	5	...	2	...	...	...	...	...	37	29	10
11		Pánipat ...	26,342	10	13	23	22	7	15	...	6	...	5	...	5	...	6	2	4	6	46	44	11
12		Shahabad ...	11,054	2	3	5	6	2	4	...	1	2	...	...	3	...	...	...	...	...	24	29	12
13	Ambála ...	Ambála ...	24,493	6	10	16	24	13	11	...	...	3	7	...	8	...	6	1	2	3	34	51	13
14		Jagádhri ...	12,045	4	3	7	19	9	10	...	...	4	4	1	4	...	6	...	1	1	30	82	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	7	1	8	8	4	4	...	...	2	3	...	1	...	2	1	1	2	24	24	15
16	Jullundur ...	Jullundur ...	55,354	18	16	34	24	9	15	...	...	1	9	2	5	...	7	1	3	4	32	23	16
17	Ludhiána ...	Ludhiána ...	43,152	21	16	37	70	36	34	...	...	38	15	...	6	1	10	2	2	4	45	85	17
18		Jagráon ...	15,039	7	10	17	22	16	6	...	...	11	2	...	4	..	5	4	1	5	59	77	18
19	Ferozepore ...	Ferozepore ...	24,678	10	11	21	14	6	8	...	...	...	7	1	5	...	1	1	...	1	44	29	19
20		Fázilka ...	10,985	6	6	12	7	2	5	...	...	...	3	...	2	...	2	...	...	...	57	33	20
21	Lahore ...	Lahore ...	210,271	57	65	122	153	78	75	...	...	13	74	3	39	2	22	12	7	19	30	38	21
22		Kasúr ...	24,783	4	9	13	27	15	12	...	...	16	10	...	...	1	...	...	...	..	27	57	22
23	Amritsar ...	Amritsar ...	151,339	60	57	117	109	64	45	...	...	1	44	1	50	...	13	11	7	18	40	38	23
24	Gurdáspur ...	Batála ...	26,430	12	9	21	21	10	11	...	...	10	5	...	6	...	...	1	2	3	42	42	24
25	Siálkot ...	Siálkot ...	48,595	18	24	42	14	7	7	...	...	...	5	...	4	...	5	2	1	3	45	15	25
26	Gujránwála	Gujránwála ...	28,637	9	13	22	13	5	8	...	...	...	7	...	2	...	4	1	2	3	40	24	26
27		Wazírabad ...	17,146	6	1	7	10	7	3	...	...	...	6	...	4	...	...	1	1	2	21	30	27
28	Gujrát ...	Gujrát ...	18,692	9	3	12	5	2	3	...	...	...	2	...	2	...	1	...	1	1	34	14	28
29		Jalálpur ...	11,615	4	7	11	5	4	1	...	...	...	3	...	2	...	...	1	1	2	49	22	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	6	8	14	5	4	1	...	...	...	2	...	1	...	2	1	...	1	48	17	30
31		Khusháb ...	10,159	3	2	5	6	1	5	...	...	...	1	...	...	...	5	1	1	2	26	31	31
32	Jhelum ...	Jhelum ...	12,298	6	6	12	9	7	2	...	...	...	2	...	2	...	5	2	1	3	50	38	32
33		Pind Dádan Khan	10,590	3	7	10	12	[illegible]	4	...	...	...	6	1	3	...	2	...	2	2	49	59	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	17	11	28	25	[illegible]	6	...	...	...	6	3	8	1	7	5	2	7	31	28	34
35	Lyallpur ...	Lyallpur ...	19,578	8	2	10	4	[illegible]	...	...	...	...	3	...	...	...	1	2	...	2	26	11	35
36	Jhang ...	Jhang-Maghiána	25,914	16	13	29	22	16	6	...	...	...	7	2	...	...	13	10	4	14	58	44	36
37		Chiniot ...	14,085	9	6	15	11	8	3	...	...	...	4	2	...	...	5	5	3	8	55	40	37
38	Multán ...	Multán ...	85,747	27	25	52	71	35	6	...	...	10	33	1	9	...	18	4	4	8	32	43	38
		Grand Total ...	1,196,515	436	429	865	874	474	40	...	14	135	311	20	195	7	192	82	67	149	38	38	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934				Return not received.																
	Dharmsála	... ...	2,518	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ...	... ...	938	1	...	1	2	2	...	...	...	...	1	1	...	...	...	...	...	...	48	95	
	Murree ...	... ...	1,361	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 23rd February 1918 there were 865 births registered in the 38 large municipal towns (436 males and 429 females), giving a birth rate of 38 *per mille* of population, and 874 deaths were registered (474 males and 400 females), giving a death rate of 38 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 38 against 31 in the corresponding week of the previous year, Amritsar 38 against 22 and Multán 43 against 26.

There were 6 deaths registered from small-pox in Pánipat, 4 in Bhiwáni, and 1 each in Sirsa, Rohtak, Jhajjar, and Shahábad. Of the 135 deaths from plague, 38 were reported in Ludhiána, 16 in Kasúr, 13 in Lahore, 12 in Bhiwáni, 11 in Jagráon, 10 each in Batála and Multán, 9 in Jhajjar, 4 in Jagádhri, 3 each in Rewári and Ambála, 2 each in Shahábad and Hoshiárpur and 1 each in Jullundur and Amritsar.

Sanitary Commissioner's Office,
Lahore:
The 5th March 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

2521 PGG—640—8-3-18—SGPP Lore.

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SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 11.] LAHORE, FRIDAY, MARCH 15, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 12th March 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 8½ ... Bajra, 11. Gram, 12. Bejhar, 12. Prices between normal and warning rates.	Standing crops average ...	...
2	Rohtak ...	Slight drizzling at places.	1. Scarce in parts of Gohána Tahsil. 2. (a) Adequate. (b) Do. 3. Generally good.	Wheat, 8 ... Gram, 12. Barley, 12. Jowar, 13. Bajra, 10. Prices between normal and warning rates.	Rain wanted. Standing wheat and other crops fair to good on irrigated area and average on unirrigated area. Sowings of extra spring crops continue in places and are below normal.	Sugarcane being sown in places. Area sown below normal.

2579 PGG

No.	Reporting station.	Rain	1. Supply of fodder. 2. Water-supply for— (*a*) Drinking. (*b*) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	PROSPECTS OF	
					Spring.	Autumn.
3	Gurgaon ...	0·06 at Ballabgarh	1. Scarce ... 2. (*b*) Sufficient. 9. Good.	Wheat, $7\frac{1}{4}$ to $9\frac{1}{2}$ ... Barley, $11\frac{1}{2}$ to 13. Gram, 11 to 13. Jowar, 9 to 11. Bajra, 9 to 15. Maize, 10 to 13. Prices generally between normal and warning rates.	Condition and expected yield of standing crops, specially wheat, good.	...
4	Ambála ...	0·17 at Naráingarh. 0·12 at Kharar. 0·08 at Rúpar.	1. Scarce ... 2. (*a*) Sufficient. (*b*) Adequate. 3. Good.	Wheat, $7\frac{3}{4}$ ... Gram, $10\frac{1}{2}$. Barley, 12. Maize, $11\frac{3}{4}$. Bajra, 10. Prices between warning and scarcity rates.	More rain needed. Sowings of extra spring crops continue and are below normal. Standing irrigated crops, specially wheat and oil-seeds, fair, but unirrigated crops are suffering from drought.	Sowings of sugarcane continue and are below normal.
5	Jullundur ...	0·08 at Nakodar ... 0·29 at Phillaur. 0·05 at Nawashahr.	1. Inadequate ... 2. (*a*) Adequate. 3. Generally good.	Wheat, 8 ... Barley, 12. Gram, 9. Maize, 10. Jowar, 9. Bajra, 10. Prices between normal and scarcity rates or at above scarcity rates.	Rain was somewhat beneficial. Standing irrigated crops average and unirrigated poor. Sowings of extra spring crops commenced and are normal.	...
6	Ferozepore ...	0·12 at Moga. 0·11 at Zíra. 0·07 at Muktsar.	1. Sufficient ... 2. (*a*) Do. 3. Good.	Wheat, $8\frac{1}{2}$ ... Gram, 11. Prices between normal and scarcity rates.	Rain was beneficial, but more is urgently wanted. Standing irrigated crops average to good and unirrigated below average. Sowings of extra spring crops continue and are below normal.	...
7	Lahore ...	0·11 at Sadr ...	1. Sufficient ... 2. (*a*) Do. (*b*) Do. 3. Average.	Wheat, $7\frac{3}{4}$ ... Gram, 10. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Yield of oilseeds expected to be below normal. Extra spring crops being sown to a small extent.	...
8	Amritsar ...	0·10 at Sadr ... 0·10 at Tarn Táran. 0·26 at Ajnála.	1. Insufficient ... 2. (*b*) Canals flowing by turns; supply sufficient. 3. Generally good.	Wheat, $8\frac{5}{8}$ ... Barley, 12. Gram, 10. Maize, 10. Jowar, $10\frac{1}{2}$. Bajra, 10. Prices generally between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average.	Sowings of sugarcane continue to some extent.
9	Siálkot ...	0·56 at Sadr .. 0·42 at Zafarwál. 0·53 at Pasrúr. 0·12 at Raya. 0·24 at Daska.	1. Dry fodder scarce; green available. 2. (*a*) Sufficient. (*b*) Canal closed. 3. Average.	Wheat, $7\frac{1}{4}$ to $8\frac{1}{4}$ ... Barley, 12 to $12\frac{1}{2}$. Maize, 10. Gram, $8\frac{1}{2}$ to 9. Prices between warning and scarcity rates.	Standing crops average. Sowings of irrigated extra spring crops continue.	...

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
10	Shahpur ...	1·15 at Sadr ... 1·17 at Bhalwal. 0·69 at Shahpur. 0·53 at Khusháb.	1. Sufficient ... 2. (?) Lower Jhelum Canal flowing; supply sufficient. 3. Good.	Wheat, 8 to 9½ ... Gram, 10½ to 11½. Maize, 10 to 12. Bajra, 11½ to 12½. Prices generally between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Gram is above average in Khusháb Tahsil. Extra spring crops being sown to normal extent in Khusháb and Sargodha Tahsils. Germination fair.	...
11	Ráwalpindi ...	0·23 at Sadr ... 0·33 at Gujar Khan. 2·01 at Kahúta. 1·43 at Murree.	1. Sufficient ... 3. Good.	Wheat, 6¾ ... Barley, 11¾ Gram, 8¾. Bajra, 10¾. Maize, 10¾. Jowar, 10¾. Prices between warning and scarcity rates.	Rain was useful. Standing irrigated crops good and unirrigated average.	...
12	Miánwáli ...	0·29 at Sadr ... 0·19 at Isa Khel. 0·86 at Bhakkar.	1. Procurable ... 2. (a) Do. (b) Sufficient.	Wheat, 8½ ... Bajra, 12½. Jowar, 9. Gram, 10¾. Prices between normal and scarcity rates.	More rain wanted. Standing crops average.	...
13	Lyallpur ...	0·27 at Sadr ... 0·20 at Toba Tek Singh. 0·25 at Jaránwála. 0·34 at Samundri.	1. Sufficient ... 2. (b) Satisfactory. 3. Generally good.	Wheat, 8½ ... Gram, 9¾. Maize, 10½. Prices generally between warning and scarcity rates.	Standing crops good. Sowings of extra spring crops in progress.	...
14	Multán ...	0·28 at Sadr ... 0·14 at Shujabád. 0·02 at Lodhrán. 0·17 at Kabírwála. 0·21 at Mailsi.	1. Available, but decreasing. 2. (b) Sidhnai Canal flowing; supply inadequate. 3. Fair.	Wheat, 8½ ... Gram, 8¾. Bajra, 10. Prices at warning or above scarcity rates.	Rain was useful. Sowings of extra spring crops continue and are normal. Standing crops generally good in Multán and Kabírwála Tahsils. Elsewhere it is average on irrigated area and below average on unirrigated area. Rain badly wanted.	...

GENERAL REMARKS.

Light rain was received in or in parts of almost all the reporting districts and was useful. More rain is badly wanted everywhere for unirrigated crops which are suffering from drought in many districts. Condition of irrigated wheat and other crops is average to good and of unirrigated crops generally below average. Sowings of extra spring crops and sugarcane continue in some districts, but are below normal. Stocks of food-grains generally sufficient. Cattle are generally healthy, but fodder is getting scarce. Prices are stationary and range generally between warning and scarcity rates, except in some south-eastern districts where they are between normal and warning rates. Prices of wheat:—Ráwalpindi 6¾, Ambála and Lahore 7¾, Lyallpur 8½ and Ferozepore 8½ seers per rupee.

MAHBUB SHAH, Supdt.,

for *Director of Land Records, Punjab.*

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB AND THE NORTH-WEST FRONTIER PROVINCE DURING DECEMBER 1917.

Station.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 hrs. reduced to 32°, to constant gravity at 45° Lat. and to sea level.	Departure from normal.	Mean direction and velocity in miles per hour, December 1917.	Normal direction and velocity in miles per hour, December.	8 hrs.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Mean monthly departure from normal.	Humidity at 8 hrs.	Vapour tension at 8 hrs.	Amount of cloud, 10 = overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	"	"			°	°	°	°	°	°	%	"	
Hissar ...	30·067	— ·042	S. 69° W. 3 ...	N. 84° W. 2 ...	48·1	72·9	−1·3	44·0	+1·0	−0·1	80	·272	3
Ambála ...	30·041	— ·053	N. 7° E. 3 ...	N. 44° W. 1 ...	48·6	70·7	−1·4	44·5	+1·0	−0·2	87	·301	2
Simla ...	*23·074	— ·042	...	...	42·5	49·5	−0·4	39·3	0	—0·2	(a) 34	(a)·096	3
Ludhiána ...	30·057	— ·043	N. 29° W. 1...	N. 47° W. 1 ...	48·0	68·7	−1·7	45·7	+1·3	−0·2	85	·281	1
Montgomery ...	30·060	— ·052	N. 12° W. 2...	N. 68° E. 2 ...	49·3	70·8	−1·7	43·6	+1·0	−0·3	76	·268	3
Lahore ...	30·056	— ·052	N. 24° W. 1...	N. 58° W. 1 ..	45·6	69·8	−3·0	43·5	+2·6	−0·2	89	·275	3
Siálkot ...	30·064	— ·045	N. 45° W. 1 ...	N. 63° E. 1 ...	47·3	65·3	−4·3	42·3	—0·4	−2·3	94	·307	3
Khusháb ...	30·073	— ·052	N. 64° E. 2 ...	N. 27° E. 1 ...	47·4	69·2	−2·9	41·7	—0·4	−1·7	87	·290	4
Lyallpur ...	30·058	...	N. 68° W. 1 ...	...	46·6	69·5	...	41·5	...	...	86	·276	4
Ráwalpindi ...	30·117	— ·041	N. 87° W. 2 ...	N. 41° W. 1 ...	43·4	63·2	−3·9	38·5	+1·1	−1·4	88	·248	5
Murree ...	*23·794	— ·066	N. 73° E. 5 ...	S. 84° E. 5 ...	40·9	47·8	−4·3	37·6	—1·0	−2·7	(b) 52	(b)·136	5
Multán ...	30·064	— ·048	N. 11° E 0 ...	N. 53° E. 1 ...	50·2	71·2	−2·3	46·1	+1·1	−0·6	75	·272	2
D. I. Khan ...	30·104	— ·040	N. 27° W. 1 ...	N. 32° W. 1...	45·5	68·9	−3·4	41·5	+1·0	−1·2	81	·248	4
Pesháwar ...	30·130	— ·046	Calm 0 ...	S. 16° W. 2 ...	43·1	62·4	−4·6	39·5	+0·3	−2·1	85	·240	5
Párachinár ...	*24·463	— ·014	Calm 1 ...	...	36·6	53·8	−0·7	31·3	—1·5	−1·1	(d) 63	(d)·151	3
Cherát ...	*25·747	— ·039	N. 5° W. 11 ...	N. 13° W. 10...	44·3	50·7	−4·2	39·3	—3·3	−3·7	(c) 49	(c)·136	3
Drosh ...	(f) *25·228	...	S. 75° E. 2 ...	...	37·4	46·7	−6·4	35·0	—0·7	−3·5	(a) 67	(a)·146	5

* Not reduced to sea level.
(a) Mean of 24 days.
(b) „ „ 27 „
(c) „ „ 28 „
(d) „ „ 22 „
(f)—Aneroid.

Disturbances of the winter type were of more frequent occurrence than usual, but most of them were of small vitality and produced precipitation chiefly in the North-West Frontier Province and the north Punjab.

Pressure and Winds.—Atmospheric pressure was distinctly below normal everywhere. Winds were even more variable in direction than is usual in December.

Temperature.—Maximum temperature was appreciably lower than usual in the north Punjab and the greater part of the North-West Frontier Province, but elsewhere temperature conditions were fairly normal.

The lowest minimum temperature recorded in the plains was 33° at Ráwalpindi on the 21st.

The following table shows for each day of the month the departure from the normal of the mean temperature of the Punjab and the North-West Frontier Province, with the highest temperature registered and the name of the station recording it:—

Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.	Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1917.	°			1917.	°	°	
December 1st ...	+2·9	81·4	Hissar.	December 17th ...	+0·1	74·8	Multán.
" 2nd ...	−2·0	83·0	Do.	" 18th ...	+0·7	77·1	Hissar.
" 3rd ...	−2·4	75·9	Ambála.	" 19th ...	−0·1	76·3	Do.
" 4th ...	−2·3	74·9	Multán.	" 20th ...	−4·7	69·6	Multán.
" 5th ...	−3·0	76·7	Do.	" 21st ...	−6·4	65·1	Ambála.
" 6th ...	−2·1	74·0	Hissar.	" 22nd ...	−5·0	66·3	Dera Ismail Khan.
" 7th ...	−0·2	76·6	Khusháb.	" 23rd ...	−2·2	70·7	Do.
" 8th ...	−2·3	72·4	Hissar.	" 24th ...	−1·2	70·4	Hissar.
" 9th ...	−2·6	74·8	Do.	" 25th ...	+0·8	73·6	Do.
" 10th ...	−1·2	73·7	Ambála.	" 26th ...	+2·2	73·0	Dera Ismail Khan.
" 11th ...	−0·5	7[illegible]·4	Hissar.	" 27th ...	+2·7	74·1	Montgomery.
" 12th ...	−0·4	74·6	Khushab.	" 28th ...	−0·1	75·9	Hissar.
" 13th ...	−0·6	74·4	Hissar.	" 29th	−0·8	71·7	Ambála.
" 14th ...	−1·6	75·6	Do.	" 30th ...	−1·4	71·6	Hissar.
" 15th ...	−0·8	75·2	Multán.	" 31st ...	−3·4	72·1	Ambála.
" 16th ...	0	75·6	Do.				

Humidity and Cloud.—Humidity was very high generally in the plains, and skies were clouded to an unusual extent in the north Punjab and parts of the North-West Frontier Province.

Rainfall.—In the Punjab the month's total rainfall was above the normal by about 4″ at Murree, 3″ at Ráwalpindi and a third of an inch at Ambála, average at Khusháb and deficient at the remaining meteorological stations. In the North-West Frontier Province the fall was about the average at Dera Ismail Khan, in slight defect at Párachinár and in marked excess at Pesháwar, Cherat and Drosh.

The following table gives the rainfall data for the Punjab and the North-West Frontier Province stations for December 1917:—

Station.	Actual rainfall in December 1917.	Normal rainfall in December.	Departure from normal in December 1917.	Station.	Actual rainfall in December 1917.	Normal rainfall in December.	Departure from normal in December 1917.
1	2	3	4	1	2	3	4
Punjab.	"	"	"	*Punjab*—concluded.	"	"	"
Hissar	0·18	0·30	−0·12	Murree	5·40	1·49	+3·91
Ambála	0·89	0·59	+0·30	Multán	0·02	0·22	−0·20
Simla ...	0·5	1·21	−0·69	*North-West Frontier Province.*			
Ludhiána	0·20	0·69	−0·49				
Montgomery	0·15	0·33	−0·18				
Lahore	0·06	0·38	−0·32	Dera Ismail Khan	0·16	0·20	−0·04
Siálkot ...	0·44	0·65	−0·21	Pesháwar	1·17	0·50	+0·67
Khusháb	0·42	0·41	+0·01	Párachinár	0·99	1·21	−0·22
Lyallpur	0·02	0·19	−0·17	Cherát	2·29	1·35	+0·94
Ráwalpindi	4·21	1·00	+3·21	Drosh	1·85	1·01	+0·84

SIMLA :
The *22nd February 1918.*

GILBERT T. WALKER,
Director-General of Observatories.

2579 PGG

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON
DURING THE FORTNIGHT

QUANTITIES PER RUPEE

1	2			3			4			5		
Districts.	*Wheat.*			*Barley.*			*Rice (best sort).*			*Rice (common).*		
	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	8 8	8 8	8 8	13 0	13 0	12 12	...	...	...	7 0	7 0	[illegible]
Rohtak	8 0	8 4	8 12	12 0	12 0	13 0	...	...	...	6 8	6 8	[illegible]
Gurgaon	8 0	8 4	8 4	11 0	11 8	13 4	...	...	...	7 0	7 8	[illegible]
Karnál	8 4	8 8	9 0	12 0	12 8	14 8	...	...	...	7 0	7 0	[illegible]
Ambála	7 12	7 12	8 8	11 12	11 12	12 0	...	...	...	7 12	7 12	[illegible]
Simla	6 8	6 8	7 8	8 0	8 0	9 4	...	...	...	5 0	5 0	[illegible]
JULLUNDUR.												
Kángra	5 8	5 8	10 0	9 0	9 0	13 0	...	...	...	8 0	8 0	[illegible]
Hoshiárpur	8 4	8 0	9 4	10 0	10 8	12 0	...	...	...	6 8	6 8	[illegible]
Jullundur	8 4	8 4	9 4	12 6	12 8	11 12	...	...	...	7 8	7 8	[illegible]
Ludhiána	8 0	8 0	9 0	9 8	9 8	13 0	...	...	...	6 0	6 0	[illegible]
Ferozepore	8 8	8 8	9 0	11 0	11 0	13 8	...	...	...	6 8	6 8	[illegible]
LAHORE.												
Lahore	8 0	7 12	9 0	11 8	11 8	13 0	...	...	...	6 14	7 12	[illegible]
Amritsar	8 4	8 10	9 7	10 8	10 12	10 12	...	...	...	7 4	7 4	[illegible]
Gurdáspur	8 8	8 8	9 8	10 0	10 8	12 8	...	...	...	8 0	6 12	[illegible]
Siálkot	8 0	(b)	9 8	11 0	(b)	12 0	...	...	...	7 4	(b)	[illegible]
Gujránwála	7 14	8 8	10 4	13 0	13 8	13 8	...	...	...	7 0	7 8	[illegible]
RAWALPINDI.												
Gujrát	8 0	8 0	10 0	12 0	13 0	14 0	...	...	...	7 0	8 0	[illegible]
Shahpur	8 12	8 10	10 4	11 12	11 0	†	...	...	...	5 8	7 0	[illegible]
Jhelum	7 8	7 8	9 0	12 0	12 0	13 0	...	...	...	6 8	7 0	[illegible]
Ráwalpindi	6 8	7 4	8 4	11 12	12 2	13 0	...	...	...	7 4	8 0	[illegible]
Attock	8 0	8 4	8 6	12 0	12 0	13 0	...	...	...	7 0	7 0	[illegible]
Miánwáli	8 10	8 6	8 12	§	§	13 0	...	...	...	6 0	6 0	[illegible]
MULTAN.												
Montgomery	7 14	7 12	9 4	11 0	11 0	11 0	...	...	...	5 12	6 0	[illegible]
Lyallpur	8 4	8 8	9 8	12 0	12 0	13 8	...	...	...	6 8	6 12	[illegible]
Jhang	8 8	8 8	9 4	12 12	12 12	13 4	...	...	...	6 8	6 8	[illegible]
Multán	8 2	8 2	9 8	11 8	11 8	12 0	...	...	...	7 4	7 4	[illegible]
Muzaffargarh	8 4	8 4	9 12	11 0	11 0	12 0	...	...	...	7 8	7 8	[illegible]
Dera Gházi Khan	6 14	7 2	9 0	‡	10 0	14 0	...	...	...	6 1	6 12	[illegible]

(b) Statement not
‡ Not sold in

†Not produced.
NOTE.—The prices of rice as shown in the statement are
N.B.—Variations in prices are due to fluctuation

...D THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB
...DING 28TH FEBRUARY 1918

...E ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			
Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
‡	‡	16 0	10 8	10 8	16 0	‡	‡	†	‡	†	†	Hissar.
13 0	13 8	17 4	10 8	10 8	17 0	†	†	†	†	†	†	Rohtak.
11 0	11 8	16 0	11 0	11 8	15 8	†	†	§	†	†	§	Gurgaon.
13 0	12 8	15 0	10 0	11 0	14 0	†	†	†	§	§	†	Karnál.
14 0	14 0	15 8	10 12	10 12	14 0	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
8 0	7 0	10 0	8 0	6 8	10 0	‡	‡	†	‡	‡	†	Simla.
												JULLUNDUR.
‡	‡	†	‡	‡	†	‡	‡	†	‡	‡	†	Kángra.
9 0	9 0	13 0	9 8	10 0	12 0	†	†	†	‡	‡	†	Hoshiárpur.
9 0	9 0	12 8	10 0	10 0	12 0	†	†	†	8 8	8 8	9 0	Jullundur.
9 8	9 8	14 8	8 8	9 0	12 8	†	†	†	6 0	6 0	7 8	Ludhiána.
‡	‡	13 4	†	†	13 8	‡	‡	†	‡	‡	†	Ferozepore.
												LAHORE.
10 0	10 0	13 0	9 0	9 0	13 0	§	§	†	8 12	8 12	12 8	Lahore.
9 10	11 0	12 12	9 12	9 8	14 12	§	§	†	11 0	11 0	11 8	Amritsar.
9 8	8 8	12 8	§	8 8	†	§	§	†	8 0	8 0	8 0	Gurdáspur.
§	(b)	§	§	(b)	13 0	§	(b)	†	§	(b)	†	Siálkot.
§	13 12	13 12	§	13 12	13 12	§	§	†	§	§	†	Gujránwála.
												RAWALPINDI.
§	§	§	9 0	9 0	14 0	†	†	†	§	§	†	Gujrát.
11 0	11 0	§	11 12	11 0	15 0	§	§	†	§	§	†	Shahpur.
§	§	13 0	10 0	10 0	12 0	†	†	†	†	†	†	Jhelum.
10 12	10 12	14 0	10 8	11 2	11 12	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	11 8	12 0	11 0	‡	‡	†	‡	‡	†	Attock.
9 0	9 0	12 0	13 0	12 8	12 8	†	†	†	†	‡	†	Miánwáli.
												MULTAN.
10 0	10 0	12 0	§	§	12 0	§	§	†	§	†	†	Montgomery.
§	§	†	§	‡	13 0	§	‡	†	§	‡	†	Lyallpur.
8 0	7 0	10 0	11 8	11 4	11 12	14 8	14 8	14 0	11 8	11 8	11 8	Jhang.
‡	7 0	13 4	10 0	10 0	12 12	‡	‡	†	13 0	13 0	13 0	Multán.
§	§	§	§	§	§	§	§	§	§	§	§	Muzaffargarh.
7 0	7 2	14 0	8 12	8 0	14 0	‡	‡	†	‡	‡	†	Dera Gházi Khan.

...ceived.
§Not procurable.
...r the quality in common demand.
...imports and exports.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	10			11			12			13		
	Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).			Maize (Zea Mays).			Arhur or Thur Cadjan Pea (Cajanus indicus).			Firewood.		
DISTRICTS.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	11 8	11 8	13 4	‡	‡	†	‡	†	†	55 0	55 0	70
Rohtak	11 8	11 8	13 12	§	‡	†	8 0	8 0	8 0	60 0	60 0	70
Gurgaon	11 0	11 0	13 0	11 0	11 8	13 0	9 0	8 8	8 8	60 0	60 0	70
Karnál	11 0	11 8	13 4	11 0	12 0	14 8	8 0	8 8	5 0	90 0	90 0	110
Ambála	10 4	10 4	12 0	12 4	12 4	15 8	7 12	7 12	8 4	77 0	77 0	85
Simla	8 4	8 8	9 4	9 4	10 0	11 8	5 4	5 8	5 2	46 0	46 0	64
JULLUNDUR.												
Kángra	8 8	6 4	8 0	9 0	9 0	14 0	4 8	4 8	5 0	80 0	80 0	80
Hoshiárpur	9 8	9 8	10 12	10 8	10 8	14 12	†	‡	†	60 0	60 0	75?
Jullundur	9 8	9 8	11 4	10 12	10 12	15 0	§	§	†	40 0	40 0	60
Ludhiána	9 0	9 8	12 4	11 8	11 8	16 8	8 8	8 8	6 8	50 0	50 0	65
Ferozepore	11 0	11 0	11 12	10 0	10 0	13 2	5 0	5 0	5 8	45 0	45 0	60
LAHORE.												
Lahore *	10 4	10 4	11 8	9 12	8 12	12 12	7 4	7 4	7 12	32 0	32 0	40
Amritsar	9 12	10 4	10 8	10 0	11 0	14 0	6 8	6 8	7 8	44 0	40 0	65
Gurdáspur	8 8	9 0	10 0	11 0	11 0	16 0	§	§	†	60 0	60 0	60
Siálkot	8 0	(b)	9 8	10 0	(b)	13 0	§	(b)	†	50 0	(b)	70
Gujránwála	9 12	10 0	11 0	10 0	10 0	13 4	‡	†	†	43 0	48 0	45
RAWALPINDI.												
Gujrát	9 0	9 0	10 8	9 0	8 8	14 0	†	†	†	45 0	40 0	70
Shahpur	10 12	10 12	11 8	10 8	10 8	14 8	7 0	7 0	6 0	53 0	55 0	65
Jhelum	9 8	9 8	10 8	9 8	9 8	12 0	6 0	7 0	7 0	45 0	45 0	50
Rawalpindi	8 12	9 8	10 8	10 12	11 0	13 0	8 0	8 0	6 0	40 0	34 0	60
Attock	9 4	9 8	10 0	12 0	12 8	11 8	5 4	5 4	5 4	45 0	45 0	61
Miánwáli	10 12	11 0	11 8	‡	‡	12 0	‡	‡	†	45 0	45 0	5?
MULTAN.												
Montgomery	9 6	9 12	11 10	§	§	15 0	§	§	6 0	85 0	85 0	125
Lyallpur	9 12	10 0	11 8	11 0	10 0	15 0	6 0	6 0	7 0	38 0	58 0	50
Jhang	10 12	10 0	11 8	9 8	10 0	13 8	‡	‡	†	32 0	32 0	60
Multán	9 0	9 4	11 4	§	8 4	14 8	‡	‡	6 8	45 0	50 0	70
Muzaffargarh	8 12	9 0	11 0	§	§	§	§	§	§	110 0	110 0	110
Dera Gházi Khan	8 12	9 4	11 8	‡	‡	†	‡	‡	†	73 0	66 0	90

* No wholesale salt sold.

† Not produced.

(b) Statement not received.

N.B.—Variations in prices are due to fluctuations

NOTE.—The price of bathu and massar at Simla during the

In the fortnight ending 15th February 1918 under head

Memo

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB :

Lahore, dated the 5th March 1918.

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 28TH FEBRUARY 1918—CONCLUDED.

THE ORDINARY SEER OF 80 TOLAS.

14						15			16			17
Salt.						Gur.			Cotton (unginned).			Districts.
Present fortnight ending 28th February 1918.		Past fortnight ending 15th February 1918.		Corresponding fortnight of 28th February 1917.		Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	Present fortnight ending 28th February 1918.	Past fortnight ending 15th February 1918.	Corresponding fortnight of 28th February 1917.	
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.							
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
8 8	8 0	7 8	7 0	16 0	15 0	8 0	8 0	6 8	3 0	3 0	4 0	Hissar.
11 0	10 0	11 0	10 0	17 0	16 0	10 0	9 4	8 8	2 8	2 8	5 0	Rohtak.
8 8	8 0	8 8	8 0	17 8	17 0	8 0	8 0	7 8	3 8	3 8	4 0	Gurgaon.
10 4	9 8	9 12	9 0	16 0	15 0	9 0	9 4	9 0	‡	‡	†	Karnál
13 5	13 0	13 5	13 0	16 10	16 0	7 0	7 0	6 4	2 8	2 8	4 4	Ambála
8 12	8 4	10 0	9 0	13 5	11 0	5 0	5 0	5 4	§	§	†	Simla.
												JULLUNDUR.
‡	7 0	*	6 0	*	8 0	4 0	4 0	4 0	‡	‡	†	Kángra.
12 0	11 0	11 0	10 0	14 0	13 0	5 8	5 8	5 8	‡	‡	4 8	Hoshiárpur.
13 7	11 14	13 0	12 0	16 0	14 0	6 0	6 0	6 0	2 12	2 12	5 0	Jullundur.
11 8	11 0	11 0	10 8	17 0	16 8	6 8	6 8	6 8	2 8	2 8	3 8	Ludhiána.
11 0	10 8	11 0	10 8	15 0	13 0	6 0	6 0	5 8	2 12	2 14	5 0	Ferozepore.
												LAHORE.
13 0	12 12	11 8	11 0	17 0	16 0	6 8	6 8	7 0	2 12	2 12	3 12	Lahore.
13 5	12 8	13 5	12 8	20 0	18 0	7 4	7 4	8 0	2 6	2 8	4 4	Amritsar.
*	10 0	*	9 0	*	13 0	7 0	8 0	8 0	4 0	4 0	5 0	Gurdáspur.
14 0	13 0	(b)	(b)	15 8	15 0	7 8	(b)	7 0	3 0	(b)	5 0	Siálkot.
16 0	15 8	14 0	13 8	18 0	17 12	7 0	7 4	7 12	3 0	3 0	4 12	Gujránwála.
												RAWALPINDI.
12 0	11 0	12 0	10 0	14 0	12 0	7 0	7 0	6 8	‡	‡	4 8	Gujrát.
13 8	12 0	12 0	11 0	15 4	14 0	8 0	7 8	8 0	2 4	2 6	5 0	Shahpur.
13 0	12 0	11 8	10 8	17 0	16 0	5 8	6 0	7 0	‡	‡	†	Jhelum.
14 0	13 0	14 12	13 8	16 0	15 0	7 4	7 4	7 0	§	§	†	Ráwalpindi.
21 0	20 0	21 0	20 0	12 8	12 0	8 0	8 0	7 0	4 0	4 0	5 0	Attock.
12 0	12 0	12 0	12 0	14 9	14 0	5 8	5 8	5 8	‡	‡	†	Miánwáli.
												MULTAN.
11 0	10 0	11 0	10 0	11 0	10 0	6 8	7 0	7 0	2 6	2 10	5 0	Montgomery.
13 5	12 0	13 0	12 0	18 0	17 0	8 0	8 0	8 4	1 15	2 2	4 4	Lyallpur.
11 0	10 0	11 0	10 0	14 0	13 0	6 8	6 8	6 8	2 2	2 2	4 4	Jhang.
12 0	11 8	12 0	11 8	13 12	13 4	6 4	6 4	7 0	2 1	2 3	4 4	Multán.
9 8	9 0	8 8	8 0	13 12	13 8	6 0	6 0	6 0	3 0	3 0	5 8	Muzaffargarh.
11 4	8 0	9 1	8 12	11 12	11 4	5 0	6 4	4 12	3 0	3 0	5 10	Dera Gházi Khan.

‡ Not sold. § Not procurable.

Imports and exports.
fortnight ending 28th February 1918 was 5 seers each.
correction.

under "cotton" against "Muzaffargarh" read 3 seers 0 chatak for 6 seers 8 chataks.

B. D. SINGH, HEAD ASSTT. OF STATISTICS,
Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 56 seers as compared with 55 seers in last fortnight and 69 seers in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers.	Seers.	Seers.
Karnál	...	110	90	90
Jullundur	...	60	40	40
Amritsar	...	65	40	44
Gujrát	...	70	40	45
Jhang	...	60	32	32

Lahori Salt.—Prices average 11 seers 4 chataks as compared with 10 seers 12 chataks in last fortnight and 14 seers 4 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.		Last fortnight.		This fortnight.	
		Seers.	C.	Seers.	C.	Seers.	C.
Gurgaon	...	17	0	8	0	8	0
Ludhiána	...	16	8	10	8	11	0
Amritsar	...	18	0	12	8	12	8
Attock	...	12	0	20	0	20	0
Lyallpur	...	17	0	12	0	12	0

Gúr.—Prices average 6 seers 13 chataks as compared with 6 seers 15 chataks in last fortnight and 6 seers 13 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.		Last fortnight.		This fortnight.	
		Seers.	C.	Seers.	C.	Seers.	C.
Hissar	...	6	8	8	0	8	0
Ferozepore	...	5	8	6	0	6	0
Gurdáspur	...	8	0	8	0	7	0
Jhelum	...	7	0	6	0	5	8
Multán	...	7	0	6	4	6	4

Cotton, unginned.—Prices average 2 seers 12 chataks as compared with 2 seers 13 chataks in last fortnight and 4 seers 10 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.		Last fortnight.		This fortnight.	
		Seers.	C.	Seers.	C.	Seers.	C.
Rohtak	...	5	0	2	8	2	8
Jullundur	...	5	0	2	12	2	12
Amritsar	...	4	4	2	8	2	6
Shahpur	...	5	0	2	6	2	4
Montgomery	...	5	0	2	10	2	6

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 28TH FEBRUARY 1918

Wholesale price per maund of 82 2/7 lbs. or 40 seers of 80 tolas each.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Name of district.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 0 0	5 0 0	5 1 0	3 5 0	...	2 12 0	3 8 0	3 2 0	3 13 0	5 0 0	6 0 0	5 4 0	5 12 0	7 0 0	5 8 0	45 0 0
Ferozepore ...	2 13 9	5 11 6	4 9 0	3 7 9	...	...	...	3 13 0	3 7 9	7 4 6	6 10 9	...	7 4 6	6 10 9	6 2 6	42 10 9
Lahore ...	3 4 3	5 11 6	4 13 6	3 5 3	3 9 0	3 14 3	4 3 3	4 0 0	3 13 0	5 5 3	5 11 3	4 13 6	6 2 6	8 6 9	5 14 9	35 8 9
Amritsar ...	3 1 3	5 5 0	4 11 0	3 11 0	...	...	...	3 14 6	4 0 0	...	7 0 0	4 14 0	7 0 0	8 0 0	5 2 6	45 0 0
Ráwalpindi ...	...	5 5 3	5 14 9	3 5 3	...	3 10 3	3 11 6	3 10 3	4 7 0	...	5 0 0	4 9 3	...	...	5 5 3	...
Lyallpur ...	...	6 2 0	4 12 0	3 4 0	...	...	...	3 4 0	4 0 0	...	...	...	7 0 0	8 0 0	4 8 0	63 0 0
Multán ...	3 0 0	5 4 0	4 13 0	3 5 3	3 9 6	...	3 14 6	...	4 6 0	...	6 0 0	4 4 0	7 0 0	6 0 0	6 0 0	55 0 0

Columns 18–29: Wholesale price per maund of 82 2/7 lbs. or 40 seers of 80 tolas each.

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Name of district.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow).	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	3 12 0	65 0 0	5 9 0	13 0 0	16 0 0	3 0 0	50 0 0	1 12 0	...	1 0 0	1 0 0	...	(a)4 8 0	150 0 0	100 0 0	
Ferozepore ...	4 5 3	59 8 6	5 5 3	16 0 0	16 0 0	3 10 3	...	2 3 6	...	1 0 0	...	...	(a)4 6 0	225 0 0	143 0 0	
Lahore ...	4 0 0	67 6 0	5 8 3	13 5 3	21 5 3	3 1 3	38 0 0	2 13 9	1 0 0	1 6 9	...	1 4 0	(a)5 12 0	170 0 0	160 0 0	
Amritsar ...	4 4 0	63 0 0	5 6 0	10 0 0	16 0 0	3 0 0	40 0 0	2 12 0	...	1 7 0	...	1 8 0	(b)5 4 0	...	140 0 0	
Ráwalpindi ...	...	60 15 3	6 2 6	...	...	2 13 9	39 0 0	...	...	2 3 6	...	...	(c)5 0 0	120 0 0	100 0 0	
Lyallpur ...	3 8 0	55 0 0	5 4 0	20 0 0	20 0 0	3 0 0	35 0 0	2 4 0	...	1 2 3	...	1 5 0	(d)5 0 0	220 0 0	120 0 0	
Multán ...	3 7 0	54 0 0	5 4 0	12 0 0	22 8 0	3 5 3	40 0 0	2 9 0	1 2 0	1 2 3	...	...	(a)5 14 0	...	105 0 0	

Quotations have not been shown in cases in which there have been no wholesale transactions.
NOTE.—Prices of rice as shown in the statement are for the quality in common demand.
N.B.—Variations in prices are due to fluctuations in imports and exports.

(a) Elephant Brand. (b) Monkey Brand. (c) Victoria Brand. (d) Deer Mark.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Lahore, dated the 5th March 1918.

MAHBUB SHAH, SUPDT.,
Office of Director of Land Records, Punjab.

SUPPLEMENTARY STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON AND THE WHOLESALE AND RETAIL PRICES OF SALT IN SIALKOT DISTRICT OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH FEBRUARY 1918, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO "PUNJAB GOVERNMENT GAZETTE," DATED 1ST MARCH 1918.

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.

1	2			3			4			5			6			7			8			9			10		
DISTRICT.	*Wheat.*			*Barley.*			*Rice (Best sort).*			*Rice (Common).*			*Jowar or Cholum (Andropogon sorghum).*			*Bajra or Cumbu (Pennisetum typhoideum).*			*Mandwa, Marua or Ragi (Eleusine coracana).*			*Kangni or Kakun, Italian Millet (Setaria italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*		
	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
Sialkot ...	8 0	8 0	9 8	12 0	12 0	12 0	...		...	7 8	7 8	8 8	§	§	§	§	§	13 0	§	§	†	§		†	8 0	§	10 0

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.

1	11			12			13			14						15			16			17
DISTRICT.	*Maize (Zea Mays).*			*Arhar or Thur Cadjan Pea (Cajanus indicus).*			*Firewood.*			*Salt.*						*Gur.*			*Cotton, unginned.*			REMARKS.
	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918. Whole-sale.	Present fortnight ending 15th February 1918. Retail.	Past fortnight ending 31st January 1918. Whole-sale.	Past fortnight ending 31st January 1918. Retail.	Corresponding fortnight of 15th February 1917. Whole-sale.	Corresponding fortnight of 15th February 1917. Retail.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	Present fortnight ending 15th February 1918.	Past fortnight ending 31st January 1918.	Corresponding fortnight of 15th February 1917.	
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	
Sialkot ...	10 0	10 0	13 0	§	§	†	50 0	50 0	70 0	13 0	12 8	13 0	12 8	14 0	13 8	7 8	7 8	7 0	3 0	3 0	5 0	

NOTES.—Prices of rice as shown in the statement are for the quality in common demand.
Variations in prices are due to fluctuations in imports and exports.
† Not produced.
§ Not procurable.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Dated Lahore, the 12th March 1918.

B. D. SINGH, HEAD ASSISTANT OF STATISTICS,
Office of the Director of Land Records, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 2nd March 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	9	6	15	9	3	6	..	...	...	2	..	2	...	5	1	...	1	46	27	1
2		Hánsi ...	14,576	9	6	15	9	6	3	...	...	...	3	...	4	...	2	2	2	4	54	32	2
3		Bhiwáni ...	31,100	4	12	16	53	25	28	...	9	15	10	3	4	...	12	6	4	10	27	89	3
4		Sirsa ...	14,629	4	5	9	20	14	6	..	..	...	5	4	7	...	4	3	1	4	31	71	4
5	Rohtak ...	Rohtak ...	19,862	9	7	16	6	2	4	...	1	...	5	...	...	..	...	...	...	...	42	16	5
6		Jhajjar ...	10,617	4	5	9	10	3	7	...	2	2	...	1	2	...	3	...	2	2	44	49	6
7		Sonepat ...	12,014	7	6	13	5	...	5	...	...	...	...	...	...	1	4	...	2	2	56	22	7
8	Gurgaon ...	Rewári ...	24,780	8	8	16	14	5	9	...	...	4	...	1	4	...	5	1	1	2	34	29	8
9	Karnál ...	Karnál ...	21,018	8	9	17	8	6	2	...	..	...	4	...	1	...	3	3	...	3	42	20	9
10		Kaithal ...	12,912	4	8	12	2	...	2	...	...	...	1	...	...	...	1	...	1	1	49	8	10
11		Pánipat ...	26,342	14	14	28	23	9	14	...	4	...	8	2	6	...	3	2	2	4	56	46	11
12		Shahabad ...	11,054	8	4	12	8	6	2	...	1	2	1	...	...	...	4	2	...	2	57	38	12
13	Ambála ...	Ambála ...	24,493	7	9	16	30	19	11	...	...	11	11	3	3	...	2	...	1	1	34	64	13
14		Jagádhri ...	12,045	7	5	12	19	10	9	...	...	7	7	...	1	...	4	2	4	6	52	82	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	10	6	16	9	5	4	...	...	2	5	...	1	...	1	...	...	...	49	27	15
16	Jullundur ...	Jullundur ...	55,354	30	20	50	36	23	13	...	...	8	10	2	13	1	2	7	1	8	47	34	16
17	Ludhiána ...	Ludhiána ...	43,152	18	15	33	72	39	33	...	...	34	19	...	9	...	10	5	3	8	40	87	17
18		Jagráon ...	15,039	7	7	14	26	15	11	...	...	16	7	...	...	...	3	...	2	2	49	91	18
19	Ferozepore ...	Ferozepore ...	24,678	4	8	12	5	1	4	...	...	...	1	...	3	...	1	1	...	1	25	10	19
20		Fázilka ...	10,985	2	5	7	11	6	5	...	...	3	6	...	1	...	1	1	...	1	33	52	20
21	Lahore ...	Lahore ...	210,271	57	69	126	145	77	68	...	...	12	68	3	36	...	26	17	13	30	31	36	21
22		Kasúr ...	24,783	8	7	15	27	14	13	...	...	10	6	...	3	2	6	1	4	5	32	57	22
23	Amritsar ...	Amritsar ...	151,339	60	55	115	104	65	39	...	...	6	47	3	40	...	8	15	8	23	40	36	23
24	Gurdáspur ...	Batála ...	26,430	8	9	17	17	8	9	...	...	3	7	...	5	...	2	1	...	1	34	34	24
25	Siálkot ...	Siálkot ...	48,595	24	16	40	16	12	4	...	...	...	5	1	3	...	7	3	2	5	43	17	25
26	Gujránwála	Gujránwála ...	28,637	12	19	31	22	9	13	...	...	...	10	...	3	...	9	2	8	5	57	40	26
27		Wazírabad ...	17,146	8	7	15	6	2	4	...	...	...	6	...	...	...	...	...	2	2	46	18	27
28	Gujrát ...	Gujrát ...	18,692	7	9	16	13	6	7	...	...	...	6	1	3	...	3	...	1	1	45	36	28
29		Jalálpur ...	11,615	2	3	5	3	2	1	...	...	...	2	...	1	...	...	2	...	2	22	13	29

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Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	9	13	22	8	4	4	...	...	...	4	1	2	...	1	1	...	1	75	27	30
31		Khusháb ...	10,159	2	2	4	10	5	5	...	...	...	2	2	3	...	3	...	1	1	20	51	31
32	Jhelum ...	Jhelum ...	12,298	3	5	8	2	...	2	...	...	...	1	...	...	...	1	...	2	2	34	8	32
33		Pind Dádan Khan	10,590	5	5	10	5	3	2	...	...	1	3	1	...	...	...	...	...	...	49	25	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	10	18	28	22	15	7	...	...		7	1	6	...	8	5	2	7	31	25	34
35	Lyallpur ...	Lyallpur ...	19,578	7	4	11	7	5	2	...	...	1	1	...	2	...	3	2	1	3	29	19	35
36	Jhang ...	Jhang-Maghiána	25,914	15	15	30	18	6	12	...	...	...	6	3	...	...	9	1	4	5	60	36	36
37		Chiniot ...	14,085	9	5	14	10	6	4	...	...	...	3	1	3		3	2	1	3	51	37	37
38	Multán ...	Multán ...	85,747	39	24	63	96	58	38	...	...	29	29	6	13	...	19	2	5	7	38	58	38
		GRAND TOTAL ...	1,196,515	458	450	908	906	494	412	...	17	166	318	39	184	4	178	90	75	165	40	39	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	1	5	6	8	3	5	...	...	...	3	...	2	...	3	1	5	6	16	22	
	Dharmsála	... ...	2,518	...	2	2	1	1	...	...	...	...	...	...	1	...	...	...	...	...	41	20	
	Dalhousie ...	... ...	938	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48	...	
	Murree ...	... ...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

DURING the week ending 2nd March 1918 there were 908 births registered in the 38 large municipal towns (458 males and 450 females), giving a birth rate of 40 *per mille* of population, and 906 deaths were registered (494 males and 412 females), giving a death rate of 39 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 36 against 37 in the corresponding week of the previous year, Amritsar 36 against 30 and Multán 58 against 32.

There were 9 deaths registered from small-pox in Bhiwáni, 4 in Pánipat, 2 in Jhajjar and 1 each in Rohtak and Shahabad. Of the 166 deaths from plague, 34 were reported in Ludhiána, 29 in Multán, 16 in Jagráon, 11 in Bhiwáni, 12 in Lahore, 11 in Ambála, 10 in Kasúr, 8 in Jullundur, 7 in Jagádhri, 6 in Amritsar, 4 in Rewári, 3 each in Fázilka and Batála, 2 each in Jhajjar, Shahabad and Hoshiárpur and 1 each in Pind Dádan Khan and Lyallpur.

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
The 12th March 1918.

W. H. MILLS, SUPDT.,
for *Sanitary Commissioner, Punjab.*

2579 PGG—640—15-3-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 12.] LAHORE, FRIDAY, MARCH 22, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 19th March 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 8½ ... Bajra, 11. Gram, 12½. Bejhar, 13. Prices between normal and warning rates.	Standing crops average. Reaping of rapeseed commenced. Yield good.	...
2	Rohtak ...	0·04 at Gohána ... 0·02 at Jhajjar. 0·03 at Salhawas.	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Fairly good.	Wheat, 8 ... Gram, 12½. Jowar, 13. Bajra, 10. Prices between normal and warning rates.	Rain was beneficial. Standing irrigated wheat and other crops fair to good and unirrigated crops generally average. Sowings of extra spring crops continue and are below normal. Yield of irrigated barley and rapeseed expected to be good.	Sowings of irrigated sugarcane continue and are below normal.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
3	Gurgaon ...	...	1. Scarce ... 2. (b) Sufficient. 3. Good.	Wheat, 7½ to 9½ ... Barley, 8¾ to 13. Gram, 11½ to 13. Jowar, 9 to 10. Bajra, 9½ to 13. Maize, 11 to 15. Prices generally between normal and warning rates.	Condition and expected yield of standing crops, specially wheat, good. Reaping of barley and rapeseed commenced.	...
4	Ambála ...	0·18 at Sadr ... 0·14 at Naráingarh. 0·46 at Kharar. 0·27 at Rúpar. 1·02 at Kasauli.	1. Scarce ... 2. (a) Sufficient. (b) Adequate. 3. Good.	Wheat, 8⅞ ... Gram, 11¼. Barley, 12. Maize, 12¼. Bajra, 10. Prices generally between normal and warning rates.	Rain was useful but more is needed for extra spring crops. Standing crops, specially wheat and oil-seeds, fair on irrigated area. Unirrigated crops are suffering from drought.	...
5	Jullundur ...	1·58 at Sadr ... 0·96 at Nakodar. 1·24 at Phillaur. 0·35 at Nawashahr.	1. Inadequate ... 2. (a) Adequate. 3. Generally good.	Wheat, 8 ... Barley, 12 Gram, 9. Maize, 10. Jowar, 9. Bajra, 10. Prices between warning and scarcity rates or at above scarcity rates.	Rain was beneficial for unirrigated spring crops and sowing of extra rabi crops. Standing irrigated crops good and unirrigated poor to fair. Sowings of extra spring crops continue and are normal.	...
6	Ferozepore ...	1·55 at Sadr ... 0·68 at Moga. 1·07 at Zíra. 0·13 at Muktsar. 0·08 at Fázilka.	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 8½ ... Gram, 10½. Prices between normal and scarcity rates.	Rain was beneficial to standing crops which are good on irrigated area and average on unirrigated area. Sowings of extra spring crops continue and are below normal.	...
7	Lahore ...	0·46 at Sadr ... 0·12 at Chunián. 0·25 at Kasúr.	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 7¾ ... Gram, 10. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Yield of oilseeds expected to be below average.	...
8	Amritsar ...	0·78 at Sadr ... 1·96 at Tarn Táran. 0·70 at Ajnála.	1. Insufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Generally good.	Wheat, 8¾ ... Barley, 12. Gram, 10. Maize, 10. Jowar, 10. Bajra, 9¾. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average.	Sugarcane being sown to some extent.
9	Siálkot ...	2·02 at Sadr 1·[illegible]9 at Zafarwál. 2·74 at Pasrúr. 0·95 at Raya. 1·15 at Daska.	1. Dry fodder scarce; green procurable. 2. (a) Sufficient. (b) Canal closed. 3. Average.	Wheat, 7½ to 8½ ... Barley, 12 to 12½. Gram, 8½ to 9. Maize, 10 to 10¼. Prices between warning and scarcity rates.	Standing crops good. Sowings of irrigated extra spring crops continue and are normal.	Sowings of irrigated sugarcane continue and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
10	Shahpur ...	0·76 at Sadr ... 0·68 at Bhalwal. 0·81 at Shahpur. 0·74 at Khusháb.	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Good.	Wheat, 8¾ to 9¼ ... Gram, 10¾ to 12. Maize, 10 to 12. Bajra, 11¼ to 12. Prices between normal and warning rates.	Standing irrigated crops average and unirrigated below average. Condition of gram in Khushab Tahsil is above average. Extra spring crops being sown in Khusháb and Sargodha Tahsils. Area sown normal. Germination fair.	...
11	Ráwalpindi ...	3·57 at Sadr ... 1·29 at Gujar Khan. 2·57 at Kahúta. 3·18 at Murree.	1. Sufficient ... 3. Good.	Wheat, 6¼ ... Barley, 11½ Gram, 8. Bajra, 10¾. Maize, 10¾. Jowar, 10¾. Prices between warning and scarcity rates or at above scarcity rates.	Rain was sufficient and useful. Standing irrigated crops good and unirrigated average.	...
12	Miánwáli ...	0·71 at Sadr ... 0·18 at Isa Khel. 0·12 at Bhakkar.	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat, 8½ ... Bajra, 12½. Jowar, 9. Gram, 10¾. Prices between warning and scarcity rates.	More rain wanted. Standing crops average.	...
13	Lyallpur ...	0·17 at Sadr ... 0·13 at Toba Tek Singh. 0·72 at Jaránwála. 0·10 at Samundri.	1. Sufficient ... 2. (b) Satisfactory. 3. Generally good.	Wheat, 9 ... Gram, 10. Prices between warning and scarcity rates.	Standing crops good. Sowings of extra spring crops continue and are normal.	...
14	Multán ...	0·22 at Sadr ... 0·21 at Shujabád. 0·03 at Lodhrán. 0·02 at Mailsi. 0·37 at Kabírwála.	1. Available, but decreasing. 2. (b) Sidhnai Canal flowing; supply inadequate. 3. Fair.	Wheat, 8½ ... Gram, 8¾. Bajra, 10. Prices at warning or above scarcity rates.	Rain was useful. Sowings of extra spring crops continue and are normal. Standing crops generally good in Multán and Kabírwála Tahsils. Elsewhere are average on irrigated and below average on unirrigated area.	Sowings of sugarcane commenced.

GENERAL REMARKS.

Moderate rain has fallen in parts of the central and submontane tracts and light rain elsewhere, except in a few south-eastern districts. It has proved very beneficial to standing spring crops and to the sowing of extra spring crops. Standing wheat and other crops on irrigated areas are everywhere in average to good condition. Unirrigated crops are either average or below average, and more rain is wanted for them. Extra spring and sugarcane crops are being sown to normal or below normal extent. Cattle are generally healthy, but fodder is scarce in some districts. Prices are generally stationary and range between warning and scarcity rates, except in the south-east, where they are between normal and warning rates. Prices of wheat:—Ráwalpindi 6¼, Lahore 7¾, Ambála and Ferozepore 8½ and Lyallpur 9 seers per rupee.

RAHIM BAKHSH,

Director of Land Records, Punjab.

TABLE SHOWING THE MONTHLY AND ANNUAL RAINFALL OF 190

1	2	3			4			5		
		JANUARY.			FEBRUARY.			MARCH.		
District.	Station.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.
HISSAR.	Sirsa	Nil	0·09	0·56	Nil	0·10	0·36	Nil	Nil	0·42
	Fatehabad	1	0·13	0·66	Nil	0·02	0·48	Nil	Nil	0·36
	Hissar	1	0·25	0·64	Nil	0·08	0·49	1	0·21	0·51
	Hansi	1	0·19	0·72	1	0·24	0·45	Nil	Nil	0·43
	Bhiwani	Nil	Nil	0·57	1	0·54	0·34	Nil	0·03	0·40
	Budhlada	Nil	Nil	0·77	Nil	Nil	0·51	Nil	Nil	0·41
	Tohana	1	0·45	0·67	1	0·65	0·68	1	0·16	0·53
ROHTAK.	Rohtak	Nil	0·05	0·64	1	0·41	0·45	Nil	0·09	0·52
	Gohana	Nil	0·18	0·80	2	0·40	0·48	Nil	0·14	0·48
	Sampla	Nil	Nil	0·69	Nil	Nil	0·40	Nil	Nil	0·39
	Jhajjar	1	0·23	0·77	2	0·36	0·38	2	0·38	0·42
	Salhawas	2	0·40	0·21	2	0·54	0·13	1	0·21	0·29
	Beri	Nil	Nil	?	Nil	0·09	?	Nil	Nil	?
	Sonepat	Nil	Nil	0·83	3	0·53	0·47	Nil	0·12	0·45
GURGAON.	Farrukhnagar	Nil	Nil	0·89	Nil	Nil	0·41	Nil	Nil	0·32
	Jatusana	2	0·85	0·54	2	0·70	0·35	Nil	Nil	0·32
	Rewari	2	0·32	0·62	1	0·27	0·36	1	0·29	0·32
	Khol	Nil	Nil	0·57	Nil	Nil	0·63	Nil	Nil	0·28
	Tauru	1	0·30	0·71	Nil	Nil	0·65	Nil	Nil	0·32
	Nuh	1	0·59	0·58	2	0·38	0·52	1	0·82	0·34
	Firozpur	1	0·31	0·42	3	0·43	0·38	1	0·19	0·23
	Hasanpur	1	0·15	?	1	0·47	?	1	0·41	?
	Hattin	Nil	Nil	0·52	1	0·50	0·57	Nil	Nil	0·27
	Palwal	1	0·47	0·55	2	0·59	0·52	1	0·25	0·38
	Sohana	1	0·30	0·68	Nil	Nil	0·51	1	0·10	0·26
	Gurgaon	2	0·78	0·80	1	0·24	0·48	Nil	0·15	0·40
	Punahana	Nil	Nil	0·52	Nil	Nil	0·71	Nil	Nil	0·30
	Ballabgarh	2	0·48	0·71	2	0·54	0·55	3	0·45	0·43
KARNAL.	Panipat	1	0·35	0·84	1	0·32	0·74	Nil	Nil	0·46
	Karnal	1	0·25	1·29	2	0·38	1·04	Nil	0·11	0·72
	Rajaund	1	0·50	0·68	1	0·16	0·58	Nil	Nil	0·35
	Kaithal	1	0·75	1·04	1	0·11	0·68	2	0·30	0·46
	Gulah	1	0·30	1·01	1	0·14	0·77	Nil	0·08	0·69
	Thanesar	1	0·61	1·18	1	0·14	1·13	1	0·18	0·49
AMBALA.	Jagadhri	1	0·62	1·74	2	0·42	1·37	Nil	0·09	0·72
	Ambala	1	0·26	1·46	1	0·25	1·54	2	0·33	0·77
	Naraingarh	1	0·22	1·57	2	0·46	1·70	1	0·22	0·63
	Kharar	1	0·20	1·68	1	0·13	1·43	3	0·95	0·66
	Rupar	1	0·23	1·61	2	0·34	1·53	1	0·56	0·66
	Kasauli	Nil	0·02	2·40	4	1·61	2·40	4	1·15	1·79
	Dadupur *C*	1	0·80	1·74	2	0·40	1·46	1	0·40	0·68
SIMLA.	Baraull	Nil	Nil	2·38	4	1·01	2·50	8	0·82	1·43
	Simla	2	0·71	2·64	5	1·73	3·31	5	1·34	2·44
	Kot Khai	Nil	0·31	2·24	6	1·79	3·17	9	2·41	2·95
	Kotgarh	1	0·53	2·13	5	1·85	2·67	7	2·42	3·39
	Kilha	4	0·92	4·06	3	1·16	4·30	8	3·61	5·19

C.—Denotes canal

?.—Denotes that no

RAINFALL-RECORDING STATIONS IN THE PUNJAB FOR THE YEAR 1917.

6			7			8			2	1
April.			May.			June.				
Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Station.	District.
5	1·39	0·24	2	1·01	0·56	[illegible]	[illegible]	1·66	Sirsa	Hissar.
4	1·78	0·23	3	1·55	0·45	[illegible]	[illegible]	1·45	Fatehabad	
5	3·25	0·27	2	0·63	0·57	[illegible]	[illegible]	1·76	Hissar	
5	1·53	0·39	4	0·96	0·65	5	[illegible]	1·63	Hansi	
2	0·55	0·29	5	1·22	0·62	[illegible]	[illegible]	1·71	Bhiwani	
2	0·44	0·18	3	0·80	0·31	3	3·37	1·32	Budhlada	
4	1·64	0·37	1	0·11	0·41	3	1·85	1·73	Tohana	
3	0·95	0·31	5	3·20	0·55	2	1·83	2·06	Rohtak	Rohtak.
5	1·24	0·41	5	0·85	0·55	6	3·05	1·85	Gohana	
2	0·80	0·32	3	1·06	0·48	2	2·05	1·90	Sampla	
3	0·[illegible]6	0·31	3	1·42	0·50	3	1·55	1·97	Jhajjar	
3	1·14	0·29	1	0·30	0·42	3	1·82	0·67	Salhawas	
3	1·75	?	2	0·85	?	Nil	Nil	?	Beri	
3	0·51	0·28	4	0·66	0·66	2	1·63	2·32	Sorepat	
Nil	Nil	0·25	Nil	Nil	0·45	1	1·60	2·02	Farrukhnagar	Gurgaon.
5	1·88	0·11	3	1·65	0·35	2	2·78	1·67	Jatusana	
5	1·86	0·13	3	1·58	0·51	5	2·09	2·00	Rewari	
Nil	Nil	0·49	2	1·16	0·43	Nil	Nil	1·33	Khol	
3	1·74	0·16	2	0·78	0·47	3	4·82	1·84	Tauru	
4	1·64	0·24	3	1·34	0·58	5	1·96	2·47	Nuh	
5	1·58	0·18	7	2·79	0·42	6	2·78	1·95	Firozpur	
1	0·60	?	Nil	Nil	?	2	3·15	?	Hasanpur	
4	1·23	0·22	2	0·28	0·60	3	2·24	2·36	Hattin	
6	1·92	0·31	2	1·50	0·42	3	1·69	1·94	Palwal	
1	0·70	0·18	1	0·30	0·31	1	2·82	1·88	Sohana	
6	1·64	0·25	3	1·39	0·59	4	1·81	2·47	Gurgaon	
4	1·70	0·17	1	0·40	0·47	Nil	Nil	2·47	Punahana	
5	1·97	0·39	1	0·36	0·63	4	1·80	2·68	Ballabgarh	
5	1·47	0·37	3	1·46	0·47	2	2·91	2·06	Panipat	Karnal.
2	0·97	0·52	4	[illegible]	0·88	6	3·51	3·52	Karnal	
5	1·30	0·29	2	0·80	0·25	5	4·70	1·37	Rajaund	
4	1·66	0·32	4	1·05	0·41	4	2·78	2·26	Kaithal	
4	1·83	0·47	2	0·61	0·45	4	5·59	2·15	Gulah	
4	0·70	0·36	2	0·77	0·54	5	2·77	2·62	Thanesar	
3	0·88	0·40	2	0·63	0·60	6	3·07	3·87	Jagadhri	Ambala.
5	2·52	0·54	3	2·00	0·72	7	6·53	3·70	Ambala	
[illegible]	2·12	0·41	2	0·80	0·66	8	6·07	3·91	Naraingarh	
6	2·63	0·39	4	1·53	0·63	3	3·08	3·24	Kharar	
6	2·81	0·51	4	1·16	0·5[illegible]	7	3·00	2·81	Rupar	
9	6·78	1·14	10	3·84	1·62	8	10·36	5·89	Kasauli	
4	0·80	0·34	2	0·55	0·76	6	4·20	4·60	Dadupur *C*	
9	7·73	1·19	11	3·69	1·58	10	5·80	5·24	Barauli	Simla.
10	7·77	1·75	16	6·92	2·68	13	8·84	6·91	Simla	
10	6·80	2·27	10	4·82	2·90	9	3·82	4·11	Kot Khai	
11	6·65	2·72	11	3·77	3·22	9	8·21	4·27	Kotgarh	
9	5·60	3·57	6	0·98	2·76	6	1·80	1·74	Kilba	

...rain-gauge station.

...averages have been fixed.

2545 PGG

Table showing the monthly and annual rainfall of 190 rainfall-

1	2	9			10			11		
		JULY.			AUGUST.			SEPTEMBER.		
District.	Station.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.
HISSAR.	Sirsa	4	3·48	3·61	10	7·40	3·22	14	21·64	[illegible]
	Fatahabad	5	2·30	4·29	12	4·54	3·45	12	12·09	[illegible]
	Hissar	6	1·74	4·78	12	4·49	4·18	15	18·00	[illegible]
	Hansi	6	5·34	4·00	11	6·46	4·19	15	18·79	[illegible]
	Bhiwani	9	3·60	4·12	14	9·95	4·71	12	13·88	[illegible]
	Budhlada	4	2·77	5·08	7	6·83	3·52	9	22·75	[illegible]
	Tohana	5	4·07	4·63	5	5·98	4·37	12	11·88	[illegible]
ROHTAK.	Rohtak	9	9·27	5·52	13	8·75	5·11	13	10·79	[illegible]
	Gohana	10	5·79	5·81	9	[illegible]	5·14	10	10·35	[illegible]
	Sampla	8	9·83	6·10	13	10·59	5·36	10	12·72	[illegible]
	Jhajjar	7	7·59	5·41	12	7·67	5·45	13	14·54	[illegible]
	Salhawas	11	3·79	3·85	10	6·66	3·58	10	12·95	[illegible]
	Beri	11	7·58	?	9	5·60	?	10	11·43	?
	Sonepat	9	7·81	5·91	14	9·28	6·57	14	6·70	[illegible]
GURGAON.	Farrukhnagar ...	7	15·55	5·47	8	7·04	6·55	13	14·47	[illegible]
	Jatusana	7	6·20	4·37	10	11·45	5·10	8	13·80	[illegible]
	Rewari	10	8·30	5·77	16	13·91	5·90	13	20·96	[illegible]
	Khol	9	4·48	7·18	14	11·72	8·03	11	17·59	[illegible]
	Tauru	10	7·18	6·24	16	10·82	7·35	13	15·87	[illegible]
	Nuh	14	14·73	7·68	16	9·88	6·60	13	11·75	[illegible]
	Firozpur	15	12·22	6·66	18	17·96	7·45	15	20·09	[illegible]
	Hasanpur	7	10·68	?	14	12·42	?	12	15·18	?
	Hattin	7	13·54	6·08	12	9·00	7·52	11	16·52	[illegible]
	Palwal	8	8·29	7·25	13	9·65	6·79	6	8·43	[illegible]
	Sohana	11	10·12	6·27	10	9·36	7·35	7	10·95	[illegible]
	Gurgaon	12	10·72	7·69	12	8·41	6·95	14	10·30	[illegible]
	Punahana	10	8·01	6·85	11	9·76	8·00	9	13·43	[illegible]
	Ballabgarh	13	11·51	4·97	13	6·56	6·97	11	16·43	[illegible]
KARNAL.	Panipat	9	6·88	6·44	11	11·03	6·95	11	5·85	[illegible]
	Karnal	14	8·09	8·75	10	7·86	7·09	15	7·58	[illegible]
	Rajaund	7	3·70	4·73	6	4·03	4·62	10	9·84	[illegible]
	Kaithal	11	4·02	5·15	7	6·27	3·95	16	11·41	[illegible]
	Gulah	5	3·75	4·97	6	5·73	6·17	14	13·42	[illegible]
	Thanesar	9	9·13	7·80	6	4·66	6·76	14	11·25	[illegible]
AMBALA.	Jagadhri	11	10·24	10·04	11	9·20	11·34	11	13·65	[illegible]
	Ambala	9	9·20	9·64	13	12·42	7·79	14	12·86	[illegible]
	Naraingarh	16	11·11	11·08	15	9·76	12·04	18	16·27	[illegible]
	Kharar	12	13·43	8·11	8	4·38	7·81	16	15·95	[illegible]
	Rupar	12	13·31	7·34	9	7·08	8·59	16	17·45	[illegible]
	Kasauli	20	23·77	15·71	17	13·31	18·33	25	23·71	[illegible]
	Dadupur C	15	18·30	12·25	14	15·55	12·76	15	15·15	[illegible]
SIMLA.	Barauli	20	14·32	12·43	14	7·92	13·90	23	13·37	[illegible]
	Simla	22	19·28	16·95	22	14·70	18·16	21	16·95	[illegible]
	Kot Khai	16	10·26	9·54	16	7·27	9·23	20	8·46	[illegible]
	Kotgarh	15	9·16	9·81	18	5·78	10·34	18	7·03	[illegible]
	Kilba	9	2·67	4·02	5	1·01	3·08	15	4·21	[illegible]

C. denotes ...

? denotes that ...

recording stations in the Punjab for the year 1917—continued.

12			13			14			15			2	1
OCTOBER.			NOVEMBER.			DECEMBER.			TOTAL.				
Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Station.	District.
3	3·73	0·18	Nil	Nil	0·02	1	0·46	0·33	43	41·93	13·30	Sirsa	HISSAR.
3	4·34	0·23	Nil	Nil	0·04	1	0·24	0·21	44	25·87	13·96	Fatehabad	
4	6·67	0·16	Nil	Nil	0·05	1	0·14	0·42	49	37·41	16·06	Hissar	
4	7·71	0·17	Nil	Nil	0·05	Nil	0·09	0·23	51	43·97	15·29	Hansi	
2	2·30	0·21	Nil	Nil	0·02	1	0·30	0·37	48	34·36	16·38	Bhiwani	
2	6·80	0·18	Nil	Nil	0	1	0·51	0·39	31	44·27	15·18	Budhlada	
2	3·37	0·29	Nil	Nil	0·04	Nil	Nil	0·17	35	30·16	16·53	Tohana	
3	1·28	0·28	Nil	Nil	0·04	2	0·37	0·48	51	36·99	19·67	Rohtak	ROHTAK.
3	4·39	0·25	Nil	Nil	0·07	1	0·11	0·44	51	33·80	19·87	Gohana	
4	2·60	0·28	Nil	Nil	0·04	2	0·40	0·32	44	40·05	19·86	Sampla	
4	3·32	0·29	Nil	Nil	0·05	1	0·19	0·31	51	37·91	19·14	Jhajjar	
4	2·75	0·39	Nil	Nil	0·03	1	0·14	0·37	48	30·70	13·61	Salhawas	
3	1·83	?	Nil	Nil	?	1	0·20	?	39	29·33	?	Beri	
3	1·16	0·36	Nil	Nil	0·05	2	0·66	0·42	54	29·06	23·16	Sonepat	
3	1·30	0·29	Nil	Nil	0·07	Nil	Nil	0·33	32	39·96	20·32	Farrukhnagar	GURGAON.
1	0·90	0·28	Nil	Nil	0·10	Nil	Nil	0·22	40	40·21	16·07	Jatusana	
4	3·82	0·39	Nil	Nil	0·05	1	0·29	0·26	61	53·69	19·56	Rewari	
4	2·43	0·58	Nil	Nil	0·11	Nil	Nil	0·26	40	37·38	24·12	Khol	
4	1·45	0·50	Nil	Nil	0·08	Nil	Nil	0·38	52	42·96	22·21	Tauru	
3	2·02	0·53	Nil	Nil	0·10	Nil	0·03	0·35	62	45·14	24·13	Nuh	
5	1·72	0·48	Nil	Nil	0·08	Nil	Nil	0·28	76	60·07	22·81	Firozpur	
1	0·20	?	Nil	Nil	?	Nil	Nil	?	40	43·26	?	Hasanpur	
1	0·60	0·47	Nil	Nil	0·11	Nil	Nil	0·38	41	43·91	22·80	Hattin	
4	2·40	0·59	Nil	Nil	0·07	Nil	0·02	0·30	46	35·21	23·50	Palwal	
4	2·29	0·50	Nil	Nil	0·07	Nil	Nil	0·32	37	36·94	21·29	Sohana	
4	2·68	0·50	Nil	Nil	0·07	1	0·20	0·36	59	38·32	24·86	Gurgaon	
1	1·50	0·87	Nil	Nil	0·10	Nil	Nil	0·42	36	34·80	25·09	Punahana	
4	2·55	0·38	Nil	Nil	0·07	Nil	Nil	0·36	58	42·65	22·18	Ballabgarh	
2	2·54	0·30	Nil	Nil	0·08	2	0·43	0·38	47	33·24	23·44	Panipat	KARNAL.
3	5·42	0·32	Nil	Nil	0·12	1	0·56	0·52	58	35·49	29·65	Karnal	
2	3·40	0·22	Nil	Nil	0·11	2	0·70	0·31	41	29·13	16·77	Rajaund	
3	5·50	0·15	Nil	Nil	0·05	1	0·51	0·28	54	34·36	18·10	Kaithal	
4	8·29	0·12	Nil	Nil	0·10	1	0·54	[illegible]	42	40·28	20·85	Gulah	
2	5·80	0·24	Nil	Nil	0·14	2	0·61	0·42	47	36·62	25·93	Thanesar	
3	9·42	0·36	Nil	Nil	0·19	1	0·50	0·57	51	48·75	36·50	Jagadhri	AMBALA.
3	7·17	0·30	Nil	Nil	0·19	1	0·73	0·55	59	54·27	31·74	Ambala	
4	8·07	0·46	Nil	Nil	0·16	1	0·66	0·68	74	55·76	38·50	Naraingarh	
5	6·67	0·32	Nil	Nil	0·16	1	0·57	0·52	60	49·52	28·83	Kharar	
4	7·70	0·32	Nil	Nil	0·17	2	0·81	0·68	64	54·45	28·78	Rupar	
5	11·28	0·60	Nil	Nil	0·32	1	1·81	1·07	103	97·74	59·31	Kasauli	
4	9·50	0·66	Nil	Nil	0·27	1	0·60	0·65	65	66·25	41·46	Dadupur C	
5	7·05	0·45	Nil	Nil	0·38	1	1·06	0·84	100	62·77	47·21	Barauli	SIMLA.
4	6·99	0·87	Nil	Nil	0·45	1	0·52	1·24	121	85·75	63·11	Simla	
2	6·10	0·75	Nil	Nil	0·37	1	1·06	0·82	99	53·10	42·53	Kot Khai	
3	7·10	0·70	Nil	Nil	0·37	1	0·76	0·91	99	48·26	44·92	Kotgarh	
4	1·30	0·89	Nil	Nil	1·12	Nil	Nil	1·51	69	23·26	35·00	Kilba	

rain-gauge station.

averages have been fixed.

Table showing monthly and annual rainfall of 190

1	2	3			4			5		
		JANUARY.			FEBRUARY.			MARCH.		
District.	Station.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.
JIND STATE.	Dhaneta C	1	0·10	0·85	1	0·13	0·74	1	0·15	0·73
	Safidan C	Nil	Nil	0·97	1	0·20	0·75	Nil	Nil	0·30
	Jind C	Nil	Nil	0·97	Nil	Nil	0·50	Nil	Nil	0·38
BIKANER STATE.	Chhani C	1	0·40	0·39	Nil	Nil	0·37	Nil	Nil	0·29
PATIALA STATE.	Kotra C	Nil	Nil	0·70	1	0·20	0·39	Nil	Nil	0·45
	Jhodhpur C	1	0·61	0·73	Nil	Nil	0·64	1	0·39	0·44
	Raniki C	2	0·45	0·69	1	0·64	0·74	1	0·60	0·78
	Lehal C	1	0·18	1·40	1	0·16	1·25	2	0·36	0·88
	Gujran C	2	0·34	0·90	1	0·75	0·58	1	0·23	0·71
	Barthatla C	2	0·53	1·28	1	0·13	1·01	2	0·44	0·89
NABHA STATE.	Dadahur C	2	0·55	0·98	1	0·10	0·89	1	0·15	0·56
	Bundher C	1	0·57	0·85	Nil	Nil	0·56	2	0·75	0·45
KANGRA.	Banjar (Saraj Tahsil)	3	0·85	3·09	4	1·61	2·95	10	3·61	2·93
	Kulu	4	1·76	4·42	4	2·05	4·40	9	4·34	4·15
	Nagar	6	2·75	5·40	6	1·70	5·65	9	4·16	5·91
	Palampur	5	2·12	4·90	4	0·78	4·88	6	2·23	3·40
	Hamirpur	1	0·43	2·84	1	0·40	2·58	3	0·73	1·59
	Dera	1	0·36	2·67	1	0·39	2·71	5	1·72	1·78
	Kangra	3	0·64	3·10	1	0·32	2·97	3	1·22	2·31
	Dharamsala	5	1·32	4·98	3	0·85	4·62	6	2·13	3·56
	Nurpur	1	0·37	3·40	Nil	0·06	3·33	4	1·31	2·35
HOSHIARPUR.	Dasuya	1	0·30	1·91	Nil	0·04	1·60	2	0·88	1·52
	Una	2	0·37	2·15	1	0·14	1·85	Nil	0·08	0·99
	Garhshankar	1	0·16	1·95	1	0·22	1·49	2	0·39	0·90
	Hoshiarpur	1	0·20	2·07	Nil	0·02	1·80	1	0·34	1·33
	Tanda	1	0·14	?	1	0·14	?	1	0·50	?
JULLUNDUR.	Jullundur	1	0·11	1·49	Nil	Nil	1·32	1	0·26	1·05
	Nakodar	1	0·28	1·10	Nil	Nil	1·14	2	0·28	0·76
	Phillaur	2	0·25	1·26	Nil	0·06	1·12	1	0·34	0·75
	Nawashahr	1	0·20	1·75	1	0·33	1·35	2	0·55	0·88
LUDHIANA.	Samrala	3	0·61	1·30	Nil	Nil	1·02	3	0·66	0·74
	Ludhiana	2	0·17	1·41	1	0·43	1·16	3	1·09	0·95
	Jagraon	1	0·40	1·02	Nil	0·07	0·93	3	1·10	0·44
FEROZEPORE.	Moga	2	0·42	0·82	Nil	Nil	0·83	3	0·82	0·50
	Zira	Nil	0·10	0·89	Nil	Nil	0·83	4	1·35	0·56
	Ferozepore Sadr	1	0·10	0·89	Nil	Nil	0·78	Nil	0·10	0·68
	Ferozepore City	Nil	Nil	1·13	Nil	Nil	1·04	Nil	Nil	0·63
	Muktsar	1	0·25	0·53	Nil	Nil	0·50	2	0·31	0·36
	Fazilka	1	0·36	0·63	Nil	Nil	0·59	Nil	Nil	0·43
	Nathana	1	0·35	0·50	Nil	Nil	0·73	Nil	Nil	0·50
	Jalalabad	1	0·30	0·81	Nil	Nil	0·76	1	0·16	0·61
	Abohar	1	0·33	?	Nil	Nil	?	Nil	0·05	?
	Gobindgarh C	1	0·20	0·48	Nil	Nil	0·26	Nil	Nil	0·31
	Phidda C	Nil	Nil	0·76	Nil	Nil	0·70	1	0·15	0·43

C. denotes canal

? denotes that no

rainfall-recording stations in the Punjab for the year 1917.

6			7			8				
APRIL			MAY.			JUNE.			Station.	District.
Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.		
5	1·25	0·28	7	1·15	0·60	7	7·71	1·89	Dhaneta *C*	JIND STATE.
4	1·25	0·59	1	0·15	0·51	4	1·80	1·85	Safidon *C*	
5	1·95	0·25	3	0·80	0·52	2	1·40	2·12	Jind *C*	
Nil	Nil	0·15	3	1·30	0·31	3	2·00	1·04	Chhani *C*	BIKANER STATE.
4	1·70	0·24	1	0·30	0·36	3	1·95	1·60	Kotra *C*	PATIALA STATE.
4	0·80	0·14	1	0·35	0·27	3	2·37	1·81	Jodhpur *C*	
7	2·80	0·31	4	0·89	0·45	3	1·31	1·46	Raniki *C*	
6	2·59	0·37	3	0·96	0·54	6	4·05	2·54	Lehal *C*	
5	1·80	0·59	3	1·95	0·64	4	2·55	1·97	Gujran *C*	
6	3·00	0·49	4	0·80	0·58	5	1·80	2·37	Barthala *C*	
6	3·27	0·37	3	0·58	0·40	2	2·63	1·45	Dadahur *C*	NABHA STATE.
2	1·14	0·33	2	0·77	0·52	2	0·85	1·68	Bundher *C*	
11	7·53	2·07	14	4·70	2·19	8	3·07	3·33	Banjar (Saraj Tahsil)	KANGRA.
8	7·90	2·73	7	1·84	2·28	5	2·10	2·35	Kulu	
8	8·07	3·22	8	1·99	2·80	7	2·38	2·73	Nagar	
11	9·31	1·70	10	4·85	2·08	14	10·39	7·68	Palampur	
8	4·08	0·85	5	4·18	1·10	9	5·26	3·51	Hamirpur	
7	3·68	0·74	5	2·86	0·94	7	5·88	3·60	Dera	
9	5·07	0·90	11	5·55	1·32	11	7·37	6·72	Kangra	
8	7·17	1·77	8	5·46	2·29	16	14·95	9·77	Dharmsala	
6	4·12	1·06	7	1·77	1·17	9	7·81	3·90	Nurpur	
6	3·35	0·64	4	1·84	0·56	5	1·81	3·31	Dasuya	HOSHIARPUR.
10	5·26	0·51	3	0·97	0·71	8	6·06	2·62	Una	
8	4·20	0·62	3	0·8[illegible]	0·83	4	1·28	2·86	Garhshankar	
5	4·50	0·59	5	1·92	0·79	6	4·63	3·14	Hoshiarpur	
4	2·49	?	1	0·16	?	5	3·04	?	Tanda	
5	2·16	0·55	5	1·14	0·74	6	4·05	2·59	Jullundur	JULLUNDUR.
4	2·45	0·53	3	0·52	0·42	5	3·06	2·54	Nakodar	
7	3·70	0·66	1	0·19	0·51	6	4·02	1·93	Phillaur	
5	5·02	0·50	4	1·20	0·49	5	3·67	2·67	Nawashahr	
5	3·17	0·56	2	3·94	0·42	5	6·52	2·87	Samrala	LUDHIANA.
5	3·00	0·61	3	1·16	0·60	6	3·87	2·32	Ludhiana	
8	4·62	0·46	3	2·30	0·42	3	0·90	1·77	Jagraon	
7	4·32	0·35	4	2·41	0·47	4	2·89	1·56	Moga	FEROZEPORE.
6	4·70	0·39	3	0·84	0·43	5	1·57	1·87	Zira	
5	3·48	0·57	3	0·98	0·45	6	4·83	1·70	Ferozepore Sadr	
3	1·82	0·52	3	1·21	0·32	4	4·96	1·81	Ferozepore City	
2	1·43	0·25	6	2·72	0·30	3	1·41	1·10	Muktsar	
1	1·45	0·32	2	1·39	0·43	3	0·71	1·26	Fazilka	
Nil	Nil	0·27	5	1·60	0·14	3	1·60	1·07	Nathana	
3	1·17	0·53	3	0·86	0·17	2	3·27	1·79	Jalalabad	
3	0·72	?	2	0·76	?	3	1·35	?	Abohar	
4	1·24	0·16	5	1·67	0·15	3	0·90	1·34	Gobindgarh *C*	
2	1·60	0·23	5	2·92	0·35	2	2·87	1·74	Phidda *C*	

rain-gauge station.

averages have been fixed.

Table showing monthly and annual rainfall of 190 rainfall-

1	2	9			10			11		
		July.			August.			September.		
District.	Station.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.
Jind State.	Dhaneta *C*	6	2·33	5·16	9	7·58	5·30	17	15·81	2·89
	Safidan *C*	7	6·30	6·69	8	8·30	6·45	7	4·40	3·96
	Jind *C*	4	2·30	6·46	7	8·25	4·82	16	13·60	3·10
Bikaner State.	Chhani *C*	4	3·20	3·08	2	2·90	3·47	4	10·00	1·98
Patiala State.	Kotra *C*	5	2·47	4·41	10	7·84	3·41	11	16·07	1·92
	Jodhpur *C*	1	1·60	3·88	7	4·34	4·00	14	29·56	2·36
	Raniki *C*	5	3·65	4·32	7	4·81	4·74	14	18·31	2·39
	Lehal *C*	6	3·96	6·10	7	3·07	6·85	13	13·56	4·57
	Gujran *C*	7	5·14	5·46	11	6·72	5·23	19	16·22	2·36
	Barthala *C*	9	9·25	6·65	11	3·64	6·19	12	11·46	3·33
Nabha State.	Dadahur *C*	5	4·08	5·55	6	8·05	4·92	13	20·43	3·28
	Bundher *C*	4	3·30	4·74	6	3·00	3·54	14	23·52	3·21
Kangra.	Banjar (Saraj Tahsil)	9	5·91	8·91	18	12·36	9·04	14	5·95	3·52
	Kulu	12	7·24	6·24	14	6·32	6·70	13	6·90	3·54
	Nagar	17	6·85	7·77	20	6·69	8·09	17	9·87	4·17
	Palampur	25	49·79	30·26	22	27·30	32·01	21	24·85	10·09
	Hamirpur	16	27·14	14·47	20	12·27	16·18	11	14·03	5·61
	Dera	19	19·12	14·78	21	22·15	17·24	15	12·68	6·05
	Kangra	20	25·19	21·27	21	22·45	26·66	17	21·97	6·95
	Dharamsala	22	48·04	37·40	26	54·01	38·19	22	51·28	11·23
	Nurpur	17	23·33	16·41	21	18·37	20·36	15	11·01	6·40
Hoshiarpur.	Dasuya	9	16·63	8·59	14	9·93	9·14	10	14·45	4·08
	Una	13	15·01	9·78	17	[illegible]	11·01	15	17·46	4·64
	Garhshankar	12	16·79	7·90	11	5·41	8·40	12	15·81	4·70
	Hoshiarpur	14	18·08	9·67	12	21·16	9·60	9	21·21	4·98
	Tanda	6	9·39	?	3	5·75	?	5	12·46	?
Jullundur.	Jullundur	11	8·60	6·83	13	11·82	7·26	17	13·02	3·99
	Nakodar	8	5·68	6·38	11	12·24	5·85	14	12·58	3·45
	Phillaur	9	9·57	6·89	10	9·16	6·30	11	15·05	3·67
	Nawashahr	9	16·58	7·67	10	6·20	7·28	13	19·68	4·27
Ludhiana.	Samrala	7	5·14	7·66	11	5·34	7·36	12	18·30	4·26
	Ludhiana	9	11·03	7·94	10	8·70	6·33	13	17·39	3·96
	Jagraon	8	5·15	6·10	11	10·47	5·77	12	14·60	3·52
Ferozepore.	Moga	9	5·55	5·07	9	5·88	4·02	13	15·57	3·04
	Zira	8	3·37	5·28	10	8·07	4·99	10	14·11	3·04
	Ferozepore Sadr	3	1·70	4·65	12	12·12	4·48	10	10·69	2·51
	Ferozepore City	5	2·75	4·94	8	11·47	5·02	6	8·16	2·31
	Muktsar	4	3·05	2·99	13	8·11	3·18	8	7·89	2·22
	Fazilka	3	1·66	2·60	12	7·44	2·98	10	4·17	1·48
	Nathana	8	5·18	3·95	7	3·80	3·93	6	12·39	1·91
	Jalalabad	2	1·80	3·08	7	3·75	3·14	10	15·82	1·71
	Abohar	4	1·06	?	11	12·29	?	10	5·47	?
	Gobindgarh *C*	6	5·45	2·81	9	5·50	3·69	10	6·17	1·49
	Phidda *C*	8	3·20	4·19	9	7·34	4·48	12	14·01	2·57

C denotes Canal

? denotes that no

recording stations in the Punjab for the year 1917—continued.

12			13			14			15			2	1
OCTOBER.			NOVEMBER.			DECEMBER.			TOTAL.				
Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Station.	District.
3	11·02	0·18	Nil	Nil	0·11	2	0·76	0·32	59	47·99	19·05	Dhaneta *C*	JIND STATE.
2	4·00	0·31	Nil	Nil	0·07	Nil	Nil	0·42	34	26·40	22·87	Safidan *C*	
4	4·90	0·15	Nil	Nil	0·06	Nil	Nil	0·36	41	33·20	19·69	Jind *C*	
1	5·10	0·06	Nil	Nil	0·02	Nil	Nil	0·25	18	24·90	11·41	Chhani *C*	BIKANER STATE.
3	7·12	0·16	Nil	Nil	0·05	1	0·40	0·30	39	38·05	13·99	Kotra *C*	PATIALA STATE.
2	3·35	0·28	Nil	Nil	0	1	0·46	0·26	35	44·33	14·81	Jodhpur *C*	
3	6·55	0·14	Nil	Nil	0·05	1	0·59	0·40	48	40·60	16·47	Raniki *C*	
3	9·40	0·28	Nil	Nil	0·19	1	0·55	0·54	49	38·84	25·51	Lehal *C*	
2	10·00	0·23	Nil	Nil	0·09	2	0·85	0·45	57	46·55	19·21	Gujran *C*	
2	7·78	0·32	Nil	Nil	0·15	1	0·24	0·55	55	39·07	23·81	Barthala *C*	
2	3·91	0·12	Nil	Nil	0·03	1	0·10	0·50	42	43·85	19·05	Dadahur *C*	NABHA STATE.
2	4·82	0·14	Nil	Nil	0·04	1	0·68	0·35	36	39·40	16·41	Bundher *C*	
3	5·94	0·63	Nil	Nil	0·49	2	3·53	1·14	96	55·06	40·29	Banjar (Saraj Tahsil)	KANGRA.
3	7·22	0·85	Nil	Nil	0·56	2	0·72	1·49	81	48·39	39·74	Kulu	
5	6·05	0·87	1	0·10	0·84	1	0·19	1·95	105	50·80	49·40	Nagar	
4	5·62	1·00	Nil	Nil	0·29	2	0·70	1·64	124	137·94	99·93	Palampur	
4	5·79	0·33	Nil	Nil	0·20	1	0·45	1·10	79	74·76	50·36	Hamirpur	
4	6·27	0·26	Nil	Nil	0·14	2	0·54	1·17	87	75·65	52·08	Dera	
4	4·25	0·35	Nil	Nil	0·27	2	0·54	1·35	102	94·57	74·17	Kangra	
5	4·90	0·83	Nil	Nil	0·33	1	0·77	1·74	122	190·88	116·71	Dharmsala	
4	5·40	0·50	Nil	Nil	0·28	4	1·09	1·47	88	74·64	60·63	Nurpur	
3	7·39	0·25	Nil	Nil	0·10	1	0·59	0·86	55	57·21	32·56	Dasuya	HOSHIARPUR.
4	8·92	0·24	Nil	Nil	0·11	1	0·56	0·85	74	67·27	35·45	Una	
3	7·57	0·29	Nil	Nil	0·14	1	0·46	0·75	58	53·55	30·83	Garhshankar	
3	6·58	0·30	Nil	Nil	0·09	1	0·53	1·09	57	79·17	35·45	Hoshiarpur	
Nil	Nil	?	Nil	Nil	?	Nil	Nil	?	27	34·07	?	Tanda	
4	6·00	0·18	Nil	Nil	0·06	1	0·29	0·74	64	47·45	26·80	Jullundur	JULLUNDUR.
3	5·81	0·15	Nil	Nil	0·02	1	0·19	0·40	52	43·09	22·74	Nakodar	
2	6·50	0·31	Nil	Nil	0·05	Nil	Nil	0·59	49	48·84	24·04	Phillaur	
4	7·38	0·33	Nil	Nil	0·07	2	0·50	0·66	56	61·31	27·92	Nawashahr	
2	7·82	0·39	Nil	Nil	0·12	1	0·35	0·49	51	51·85	27·13	Samrala	LUDHIANA.
3	7·45	0·31	Nil	Nil	0·08	1	0·23	0·56	56	54·82	26·23	Ludhiana	
3	5·22	0·11	Nil	Nil	0·05	1	0·17	0·43	53	45·00	21·02	Jagraon	
2	5·38	0·15	Nil	Nil	0·03	1	0·26	0·37	54	43·50	17·21	Moga	FEROZEPORE.
3	8·29	0·16	Nil	Nil	0·05	1	0·51	0·32	50	42·91	18·81	Zira	
3	3·24	0·20	Nil	Nil	0·06	1	0·22	0·25	44	37·46	17·22	Ferozepore Sadr	
3	3·35	0·17	Nil	Nil	0·03	1	0·28	0·34	33	34·00	18·26	Ferozepore City	
2	3·40	0·12	Nil	Nil	0·04	1	0·30	0·18	42	28·87	11·77	Muktsar	
2	0·78	0·05	Nil	Nil	0·04	Nil	Nil	0·23	34	17·96	11·04	Fazilka	
2	4·25	0·15	Nil	Nil	0	Nil	Nil	0·28	32	29·17	13·43	Nathana	
2	2·26	0·02	Nil	Nil	0·03	Nil	Nil	0·16	31	29·39	12·81	Jalalabad	
2	2·31	?	Nil	Nil	?	Nil	Nil	?	36	24·34	?	Abohar	
2	2·35	0·12	Nil	Nil	0	1	0·13	0·26	41	23·61	11·07	Gobindgarh *C*	
2	5·00	0·15	Nil	Nil	0·02	1	0·75	0·25	42	37·84	15·87	Phidda *C*	

rain-gauge station.
verages have been fixed.

Table showing the monthly and annual rainfall of 190

1	2	3			4			5		
		January.			February.			March.		
District.	Station.	Actual number of rainy days.	Actual amount of rainful.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.
Lahore.	Van C	Nil	Nil	0·90	Nil	Nil	0·85	2	0·35	0·43
	Chunian	1	0·35	0·75	Nil	Nil	0·50	1	0·40	0·39
	Kasur	Nil	Nil	0·75	Nil	Nil	0·69	1	0·17	0·62
	Pambe C	1	0·20	0·85	Nil	Nil	0·93	Nil	Nil	0·64
	Niazbeg C	1	0·20	1·15	Nil	Nil	0·97	Nil	Nil	0·69
	Lahore	1	0·16	0·92	Nil	Nil	1·00	Nil	0·13	0·71
	Lahore Cantonment C	1	0·10	1·35	Nil	Nil	1·33	1	0·10	0·84
	Manihala C	Nil	Nil	1·17	Nil	Nil	0·90	Nil	Nil	0·83
	Dafthu	Nil	Nil	0·84	Nil	Nil	0·79	Nil	Nil	0·64
	Nijabat	1	0·15	0·50	Nil	Nil	0·55	1	0·10	0·49
Amritsar.	Buchar C	Nil	Nil	1·35	Nil	Nil	1·23	1	0·17	1·03
	Khara C	Nil	Nil	0·76	Nil	Nil	0·85	Nil	Nil	0·76
	Tarn Taran	Nil	0·05	1·28	Nil	Nil	1·01	2	0·89	0·82
	Raya C	1	0·10	1·37	Nil	Nil	1·27	1	0·55	0·90
	Amritsar Jail Hospital	1	0·25	1·46	Nil	Nil	1·14	1	0·98	0·99
	Amritsar C	1	0·22	1·24	Nil	Nil	1·26	1	0·85	0·88
	Baggeh C	Nil	Nil	1·54	Nil	Nil	1·44	1	0·40	0·98
	Ajnala	1	0·15	1·31	Nil	Nil	1·19	2	0·49	0·77
Gurdaspur.	Aliwal C	1	0·10	1·69	Nil	Nil	1·43	2	0·25	1·08
	Batala	1	0·27	1·77	Nil	Nil	1·53	2	0·48	1·22
	Tibri C	1	0·20	2·06	Nil	Nil	1·80	3	1·00	1·32
	Gurdaspur	Nil	0·11	2·05	Nil	Nil	1·78	2	0·75	1·51
	Pathankot	1	0·20	2·83	Nil	0·06	2·49	3	1·33	1·75
	Dalhousie	6	1·56	4·69	4	0·57	6·24	8	3·53	4·42
	Madhopur C	1	0·20	3·38	1	0·25	3·05	4	0·85	1·77
	Shakargarh	1	0·39	2·21	Nil	Nil	1·99	2	1·01	1·56
Sialkot.	Zafarwal	2	1·06	2·09	1	0·43	1·70	1	0·2[illegible]	1·28
	Pasrur	2	2·05	1·69	Nil	Nil	1·60	1	0·52	1·25
	Raya	1	0·15	1·46	1	0·16	1·27	2	0·29	1·06
	Daska	1	1·12	1·47	Nil	Nil	1·47	1	0·40	1·08
	Sialkot	2	0·89	2·10	Nil	0·02	1·85	1	0·37	1·37
Gujranwala.	Ramnagar	2	0·69	1·22	Nil	Nil	0·90	1	0·22	1·02
	Wazirabad	1	0·55	1·38	Nil	Nil	1·16	Nil	0·11	1·00
	Gujranwala Sadr Katcheri	2	0·73	1·44	Nil	Nil	1·31	3	0·49	1·14
	Shekhupura	Nil	Nil	0·91	Nil	Nil	0·68	Nil	Nil	0·65
	Hafizabad	Nil	0·05	1·05	Nil	Nil	1·14	1	0·15	0·77
	Khangah Dogran	Nil	0·04	0·91	Nil	Nil	1·09	1	0·20	0·72
	Sharakpur	Nil	0·08	0·84	Nil	Nil	0·66	1	0·17	0·59
	Shahjamal C	Nil	Nil	?	Nil	Nil	?	Nil	Nil	?
	Pacca Dalla C	Nil	Nil	0·65	Nil	Nil	0·74	2	0·30	0·48
	Feroz C	Nil	Nil	0·78	Nil	Nil	0·75	1	0·20	0·61
Gujrat.	Sadr (Gujrat)	1	0·53	1·81	Nil	Nil	1·51	1	0·12	1·61
	Kharian	2	0·97	2·03	Nil	Nil	1·62	1	0·30	1·49
	Phalia	2	0·93	1·37	Nil	Nil	1·18	1	0·45	1·07
Shahpur.	Midh	1	0·20	1·27	Nil	Nil	0·80	Nil	Nil	0·62
	Sahiwal	1	0·38	0·75	Nil	Nil	0·72	1	0·32	0·75
	Nurpur	2	0·37	0·58	Nil	Nil	0·72	1	0·38	0·89
	Sakesar	1	0·36	0·63	Nil	Nil	0·91	4	1·85	0·99
	Naushehra	2	0·33	1·29	Nil	0·05	1·38	5	1·84	1·55
	Khushab	Nil	0·12	0·63	Nil	Nil	0·78	4	1·09	0·73
	Shahpur	1	0·27	0·73	Nil	Nil	0·98	1	0·54	0·87
	Bhera	1	0·19	1·09	Nil	Nil	0·88	2	0·34	0·96
	Sargodha	Nil	0·04	0·45	Nil	Nil	1·37	1	0·39	0·47
	Bhalwal	...	...	...	...	...	...	...	...	...

C Denotes canal

? Denotes that no

rainfall-recording stations in the Punjab for the year 1917—continued.

6			7			8			2	1
APRIL.			MAY.			JUNE.			Station.	District.
Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.		
6	1·70	0·40	4	1·00	0·57	4	2·30	1·69	Van *C*	LAHORE.
4	1·00	0·36	2	0·87	0·43	2	2·41	1·14	Chunian	
3	1·22	0·37	5	1·48	0·33	5	5·32	1·56	Kasur	
3	1·15	0·57	3	1·40	0·63	4	2·40	1·61	Pambe *C*	
3	3·45	0·58	7	5·15	0·55	6	2·30	1·29	Niazbeg *C*	
3	1·23	0·43	5	1·82	0·64	5	2·41	1·52	Lahore	
2	0·90	0·55	6	1·90	0·82	5	2·20	1·92	Lahore Cantonment *C*	
4	0·85	0·23	3	0·65	0·28	4	2·60	1·87	Manihala *C*	
3	1·40	0·20	3	0·90	0·28	4	3·30	1·18	Dafthu *C*	
2	0·60	0·37	3	2·15	0·21	4	1·55	0·75	Nijabat *C*	
3	1·63	0·54	3	0·45	0·63	4	1·92	2·05	Buchar *C*	AMRITSAR.
3	2·80	0·32	Nil	Nil	0·39	2	1·00	1·35	Khara *C*	
6	2·94	0·45	1	0·43	0·41	4	3·47	1·95	Tarn Taran	
4	3·00	0·51	3	1·33	0·36	5	2·77	2·05	Raya *C*	
5	2·42	0·48	2	0·94	0·60	5	4·54	2·06	Amritsar Jail Hospital	
5	2·98	0·55	2	1·38	0·67	5	3·49	2·05	Amritsar *C*	
5	1·70	0·44	1	0·40	1·01	5	5·00	2·24	Buggeh *C*	
6	1·78	0·37	Nil	0·02	0·53	6	6·26	1·66	Ajnala	
5	2·70	0·58	2	1·30	0·65	7	6·10	2·25	Aliwal *C*	GURDASPUR.
5	3·66	0·52	1	0·49	0·58	6	4·36	2·48	Batala	
5	5·75	0·57	3	0·70	0·70	7	6·20	2·83	Tibri *C*	
4	6·88	0·56	3	1·09	0·77	5	4·17	3·51	Gurdaspur	
7	6·54	0·73	6	2·43	0·93	7	5·65	3·09	Pathankot	
13	9·98	2·81	12	7·10	2·58	10	13·93	5·69	Dalhousie	
8	4·80	0·97	5	2·50	0·89	9	7·90	3·19	Madhopur *C*	
6	2·85	0·67	2	0·46	0·86	9	3·93	2·91	Shakargarh	
5	3·59	0·72	3	0·68	0·75	6	4·06	2·67	Zafarwal	SIALKOT.
5	2·94	0·98	3	0·80	0·73	5	3·52	2·26	Pasrur	
5	2·55	0·47	1	0·29	0·73	6	5·72	2·16	Raya	
5	2·96	0·72	4	1·32	0·86	6	4·57	1·83	Daska	
5	1·83	1·21	3	2·73	1·13	3	4·77	2·56	Sialkot	
5	1·78	0·45	5	1·48	0·68	5	5·19	1·79	Ramnagar	GUJRANWALA.
4	1·13	0·59	3	0·86	0·68	6	5·64	1·74	Wazirabad	
4	1·68	0·65	6	0·89	0·73	6	6·46	1·96	Gujranwala, Sadr Kacheri	
2	1·22	0·26	2	0·74	0·54	2	1·33	1·11	Sheikhupura	
4	1·13	0·72	4	2·06	0·61	3	1·30	1·52	Hafizabad	
6	1·57	0·49	4	1·15	0·42	2	0·91	1·84	Khangah Dogran	
3	1·73	0·38	7	2·01	0·41	2	1·34	1·17	Sharakpur	
3	1·07	?	4	1·85	?	2	1·40	?	Shahjamal *C*	
8	1·38	0·34	6	3·90	0·21	2	·90	1·25	Pacca Dalla *C*	
6	2·40	0·37	2	0·95	0·45	4	2·45	1·16	Feroz *C*	
5	1·55	0·39	2	1·05	0·83	6	10·76	2·25	Sadr (Gujrat)	GUJRAT.
5	1·29	0·83	5	1·85	0·86	7	6·16	2·35	Kharian	
5	2·23	0·86	3	1·07	0·84		7·70	1·37	Phalia	
3	1·23	0·30	3	1·50	0·58	1	0·40	1·10	Midh	SHAHPUR.
2	1·15	0·53	3	2·17	0·64	4	4·48	1·27	Sahiwal	
3	1·53	0·37	2	1·31	0·52	3	2·46	0·99	Nurpur	
3	1·22	0·49	4	3·28	0·62	3	2·62	1·31	Sakesar	
6	2·25	0·92	5	1·79	1·09	5	2·26	1·32	Naushehra	
3	1·92	0·69	4	2·43	0·55	3	1·65	1·03	Khushab	
4	1·28	0·74	5	1·13	0·79	4	2·17	1·16	Shahpur	
5	1·35	0·82	4	1·76	0·70	6	2·01	0·78	Bhera	
2	0·70	0·90	4	0·68	0·26	3	1·26	1·21	Sargodha	
...	...	...	...	...	...	...	...	...	Bhalwal	

rain-gauge station.

averages have been fixed.

Table showing the monthly and annual rainfall of 190 rainfall-

1	2	9			10			11		
		July.			August.			September.		
District.	Station.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.
Lahore.	Van C	4	0·75	3·96	12	13·10	3·61	6	11·08	1·89
	Chunian	3	1·14	3·26	11	8·71	4·34	10	13·30	1·88
	Kasur	6	3·71	4·30	13	8·18	3·69	9	9·25	2·03
	Pambe C	3	1·65	4·67	11	10·20	3·96	9	10·55	1·98
	Niazbeg C	5	3·90	5·73	10	16·30	5·06	11	16·50	2·62
	Lahore ...	5	3·07	4·92	11	11·94	4·47	12	8·02	2·40
	Lahore Cantonment C	6	3·50	6·33	11	12·10	5·56	8	9·00	2·76
	Manihala C	5	5·25	5·11	6	8·80	3·75	10	11·70	2·24
	Datthu C	4	2·20	3·77	6	4·00	4·77	11	12·90	1·52
	Nijabat C	2	1·30	2·34	11	5·45	3·98	...	...	2·11
Amritsar.	Buchar C	5	4·45	6·03	9	11·55	5·78	9	14·00	3·09
	Khara C	5	4·30	3·92	8	10·80	4·23	10	10·50	2.24
	Tarn Taran	5	6·00	5·92	9	8·92	5·71	11	18·87	3·21
	Raya C	9	6·65	5·29	9	8·44	7·00	14	15·36	2·82
	Amritsar Jail Hospital	4	3·84	6·61	13	10·10	7·30	12	9·12	2·56
	Amritsar C	4	4·17	6·35	13	9·94	6·56	13	8·49	5·3[illegible]
	Buggeh C	4	4·60	6·00	8	5·60	5·79	15	15·30	2·35
	Ajnala	5	3·73	5·38	10	6·11	6·18	14	11·95	2·31
Gurdaspur.	Aliwal C	7	3·20	6·73	12	7·40	6·50	9	7·70	3·15
	Batala	6	4·91	7·39	13	11·17	7·61	10	9·70	3·72
	Tibri C	10	13·50	8·26	16	15·75	9·01	9	6·60	4·18
	Gurdaspur	8	14·20	9·20	15	15·07	9·30	9	8·44	4·17
	Pathankot	14	15·95	12·48	21	20·70	15·21	13	16·47	5·28
	Dalhousie	22	23·88	22·2[illegible]	22	19·03	23·11	21	24·00	7·83
	Madhopur C	15	22·75	13·05	19	20·30	17·39	17	19·65	4·88
	Shakargarh	11	15·60	9·17	17	14·93	10·02	7	9·84	4·07
Sialkot.	Zafarwal	10	7·84	8·00	15	18·78	9·29	9	13·39	3·13
	Pasrur	7	5·46	7·48	14	19·72	7·34	10	9·93	3·37
	Raya	7	4·58	5·94	14	8·19	6·30	7	9·38	2·38
	Daska	8	9·79	5·88	16	18·59	7·47	8	7·27	2·61
	Sialkot	7	6·40	8·89	18	23·75	9·45	6	9·72	3·40
Gujranwala.	Ramnagar	5	7·64	5·64	8	7·42	5·81	9	13·74	2·44
	Wazirabad	6	5·56	5·11	13	13·85	6·06	6	8·20	2·58
	Gujranwala Sadr Kacheri ...	5	3·25	6·05	10	13·95	6·26	8	10·41	2·73
	Shekhupura	6	3·35	4·53	7	15·35	3·99	7	6·97	1·68
	Hafizabad	4	1·82	4·68	14	15·63	4·21	9	7·45	1·81
	Khangah Dogran	5	2·57	4·25	14	10·72	4·36	8	10·12	2·01
	Sharakpur	4	3·31	3·60	8	11·68	3·78	9	7·60	1·90
	Shahjamal C	2	2·10	?	11	9·99	?	10	11·05	?
	Pacca Dalla C	6	3·89	3·93	9	11·30	3·45	5	7·27	2·35
	Feroz C	5	2·80	3·73	6	14·65	3·58	11	10·60	1·96
Gujrat.	Sadr (Gujrat)	10	9·23	6·85	11	13·20	6·46	6	13·15	2·84
	Kharian	8	8·64	7·04	13	16·10	7·72	8	10·26	3·20
	Phalia	4	7·55	4·49	12	14·13	5·23	7	8·76	2·23
Shahpur.	Midh	4	2.20	3·81	7	4·35	3·55	4	3·45	1·41
	Sahiwal	5	4·06	3·13	10	8·14	2·33	6	6·17	0·70
	Nurpur	4	3·12	2·89	5	9·13	1·97	4	3·08	0·81
	Sakesar	7	4·18	4·81	15	23·01	4·98	10	8·67	2·04
	Naushehra	4	2·50	4·57	12	11·40	4·15	7	5·49	2·16
	Khushab	5	3·73	2·93	10	12·62	2·51	7	5·85	1·29
	Shahpur	3	3·42	3·43	10	16·15	3·00	8	3·77	1·40
	Bhera	3	2·27	3·45	6	4·29	3·86	8	3·70	1·45
	Sargodha	7	5·17	3·18	10	9·58	3·04	7	7·33	2·17
	Bhalwal	...	...	...	10	6·63	?	8	5·83	?

C Denotes
? Denotes that no

recording stations in the Punjab for the year 1917—continued.

12			13			14			15				
October.			November.			December.			Total.				
Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Station.	District.
1	0·20	0·17	Nil	Nil	0·05	1	0·20	0·34	40	30·68	14·86	Van *C*	Lahore.
Nil	Nil	0·18	Nil	Nil	0·03	Nil	Nil	0·20	34	28·18	13·46	Chunian	
2	2·31	0·21	Nil	Nil	0·05	Nil	Nil	0·27	44	31·64	14·87	Kasur	
1	0·60	0·16	Nil	Nil	0·06	Nil	Nil	0·32	35	28·15	16·38	Pambe *C*	
2	1·00	0·23	Nil	Nil	0·10	Nil	0·05	0·35	45	48·85	19·32	Niazbeg *C*	
3	1·12	0·26	Nil	Nil	0·06	Nil	0·03	0·40	45	29·93	17·73	Lahore	
1	1·10	0·26	Nil	Nil	0·13	Nil	Nil	0·37	41	30·90	22·22	Lahore Cantonment *C* ...	
3	4·55	0·12	Nil	Nil	0·04	Nil	Nil	0·25	35	34·40	16·79	Manihala *C*	
1	1·30	0·20	Nil	Nil	0·05	Nil	Nil	0·34	32	26·00	14·58	Dafthu *C*	
2	1·24	0·16	Nil	Nil	0·03	Nil	Nil	0·19	26	12·54	11·68	Nijabat *C*	
3	2·95	0·23	Nil	Nil	0·07	Nil	0·05	0·37	37	37·17	22·40	Buchar *C*	Amritsar.
3	8·50	0·07	Nil	Nil	0·02	1	0·30	0·31	32	38·20	15·22	Khara *C*	
3	9·52	0·22	Nil	Nil	0·04	1	0·15	0·34	42	46·24	21·36	Tarn Taran ...	
4	7·25	0·22	Nil	Nil	0·05	1	0·65	0·46	51	46·10	22·30	Raya *C* ...	
4	3·64	0·25	Nil	Nil	0·04	Nil	0·05	0·49	47	35·88	23·98	Amritsar Jail Hospital ...	
4	5·25	0·29	Nil	Nil	0·06	Nil	0·02	0·46	48	36·79	25·75	Amritsar *C*	
2	3·50	0·25	Nil	Nil	0·07	Nil	Nil	0·31	41	36·50	22·42	Buggeh *C*	
3	3·49	0·24	Nil	Nil	0·06	Nil	0·06	0·31	47	34·04	20·31	Ajnala	
2	5·20	0·29	Nil	Nil	0·09	2	0·22	0·61	49	34·17	25·05	Aliwal *C*	Gurdaspur.
3	7·72	0·24	Nil	Nil	0·06	1	0·23	0·61	48	42·99	27·73	Batala	
3	6·10	0·22	Nil	Nil	0·10	1	0·35	0·91	58	56·15	31·96	Tibri *C*	
4	6·57	0·25	Nil	Nil	0·08	3	0·53	0·84	53	57·81	34·02	Gurdaspur	
5	6·89	0·19	Nil	Nil	0·16	2	0·92	1·10	79	77·14	46·24	Pathankot	
6	7·64	0·72	Nil	Nil	0·42	4	2·53	2·20	128	113·75	82·94	Dalhousie ...	
5	7·20	0·27	Nil	Nil	0·20	3	1·13	1·45	87	87·53	50·49	Madhopur *C* ...	
4	8·03	0·29	Nil	Nil	0·12	3	0·42	0·71	62	57·48	34·58	Shakargarh	
3	3·78	0·18	Nil	Nil	0·14	1	0·34	0·58	56	54·22	30·53	Zafarwal	Sialkot.
2	4·85	0·20	Nil	Nil	0·13	1	0·24	0·64	50	50·03	27·67	Pasrur	
2	2·75	0·26	Nil	Nil	0·07	Nil	Nil	0·42	46	34·06	23·02	Raya	
2	2·44	0·22	Nil	Nil	0·17	Nil	0·08	0·55	51	48·54	24·33	Daska	
2	3·20	0·32	Nil	Nil	0·16	3	0·44	0·64	53	54·12	33·08	Sialkot	
1	0·45	0·10	Nil	Nil	0·09	2	0·70	0·60	43	39·31	20·74	Ramnagar	Gujranwala.
1	0·80	0·16	Nil	Nil	0·22	1	0·27	0·58	41	36·97	21·26	Wazirabad	
1	0·92	0·23	Nil	Nil	0.17	1	0·18	0·55	46	38·96	23·27	Gujranwala Sadr Kacheri	
1	0·25	0·13	Nil	Nil	0·02	Nil	Nil	0·36	27	29·21	14·86	Shekhupura ...	
Nil	0·07	0·24	Nil	Nil	0·07	1	0·12	0·48	40	29·78	17·30	Hafizabad	
Nil	Nil	0·12	Nil	Nil	0·01	Nil	0·10	0·59	40	27·38	16·81	Khangah Dogran ...	
1	0·29	0·09	Nil	Nil	0·06	Nil	0·05	0·25	35	28·26	13·74	Sharakpur	
Nil	Nil	?	Nil	Nil	?	2	0·41	?	34	27·87	?	Shahjamal *C* ...	
Nil	Nil	0	Nil	Nil	0	Nil	Nil	0·35	38	29·94	13·75	Pacca Dalla *C* ...	
Nil	Nil	0·01	Nil	Nil	0·04	Nil	Nil	0·35	35	34·05	13·79	Feroz *C*	
2	1·25	0·31	Nil	Nil	0·18	4	0·67	0·61	48	51·51	26·35	Sadr (Gujrat) ...	Gujrat.
2	2·23	0·35	Nil	Nil	0·18	4	1·11	0·67	55	48·91	28·34	Kharian	
1	0·10	0·29	Nil	Nil	0·13	2	0·63	0·43	43	43·55	19·49	Phalia	
Nil	Nil	0·06	Nil	Nil	0·12	Nil	Nil	0·15	23	13·33	13·97	Midh	Shahpur.
Nil	Nil	0·06	Nil	Nil	0·11	1	0·10	0·30	33	26·97	11·29	Sahiwal	
Nil	Nil	0·03	Nil	Nil	0·16	Nil	Nil	0·17	24	21·38	10·10	Nurpur	
Nil	Nil	0·09	Nil	Nil	0·08	2	1·20	0·27	49	46·39	17·22	Sakesar	
Nil	Nil	0·15	Nil	Nil	0·15	3	1·59	0·46	49	29·50	19·19	Naushehra	
Nil	Nil	0·06	Nil	Nil	0·20	2	0·42	0·27	38	29·33	11·67	Khushab	
Nil	Nil	0·17	Nil	Nil	0·23	2	0·37	0·27	38	29·10	13·76	Shahpur	
Nil	Nil	0·09	Nil	Nil	0·22	1	0.40	0·28	36	16·31	14·58	Bhera	
Nil	Nil	0	Nil	Nil	0·10	2	0·54	0·28	36	25·69	13·43	Sargodha	
Nil	Nil	?	Nil	Nil	?	4	0·86	?	22	13·32	?	Bhalwal	

anal rain-gauge station.
verages have been fixed.

Table showing the monthly and annual rainfall of 190 rainfall-

1	2	3			4			5		
		JANUARY.			FEBRUARY.			MARCH.		
District.	Station.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.
JHELUM.	Pind Dadan Khan	1	0·32	1·31	Nil	Nil	1·11	1	0·20	0·93
	Sadr Station (Jhelum) ...	2	0·65	2·06	Nil	0·04	1·36	3	0·79	1·41
	Chakwal	1	0·10	1·29	Nil	0·07	1·23	4	1·22	1·25
RAWALPINDI.	Rawalpindi	1	0·29	2·65	Nil	0·07	2·24	4	1·24	2·09
	Gujar Khan	2	0·32	2·38	1	0·10	2·02	2	0·04	1·73
	Kahuta	2	0·58	3·11	1	0·31	2·61	4	0·78	2·08
	Murree	3	1·54	3·20	1	0·43	3·35	7	3·24	3·82
ATTOCK.	Talagang	1	0·12	1·14	Nil	Nil	1·21	3	1·31	1·31
	Pindigheb	1	0·24	1·26	Nil	Nil	1·10	4	3·47	1·47
	Fatehjang	1	0·34	2·04	Nil	Nil	1·81	3	1·03	1·86
	Attock	2	0·44	2·14	Nil	0·06	1·85	3	1·73	1·97
MIANWALI.	Mianwali	1	0·29	0·79	Nil	Nil	0·88	2	0·56	0·92
	*Isa Khel	1	0·16	0·75	Nil	Nil	0·97	3	0·88	0·88
	Bhakkar	1	0·17	0·43	Nil	Nil	0·48	3	1·02	0·56
MONTGOMERY.	Gugera	Nil	Nil	0·49	Nil	Nil	0·54	2	0·53	0·38
	Montgomery	1	0·20	0·42	Nil	Nil	0·58	1	0·42	0·45
	Pakpattan	1	0·37	0·40	Nil	Nil	0·40	1	0·16	0·30
	Dipalpur	1	0·35	0·59	Nil	Nil	0·59	2	0·46	0·31
LYALLPUR.	Toba Tek Singh	Nil	0·04	0·21	Nil	Nil	0·29	1	0·63	0·52
	Samundri	Nil	0·08	0·37	Nil	Nil	0·39	1	0·15	0·67
	Lyallpur	Nil	0·02	0·42	Nil	Nil	0·70	2	0·42	0·57
	Jaranwala	Nil	Nil	?	Nil	Nil	?	1	0·14	?
	Lyallpur *C*	Nil	Nil	0·38	Nil	Nil	0·69	2	0·34	0·43
	Tarkhani *C*	Nil	0·04	0·25	Nil	Nil	0·43	1	0·19	0·40
	Muridwala *C*	Nil	Nil	0·18	Nil	Nil	0·43	1	0·49	0·27
	Wariam *C*	Nil	Nil	?	Nil	Nil	?	1	0·65	?
	Badwali *C*	Nil	Nil	0·91	Nil	Nil	0·76	Nil	Nil	0·50
JHANG.	Shorkot	Nil	0·08	0·38	Nil	Nil	0·44	2	0·68	0·46
	Jhang	Nil	Nil	0·47	Nil	Nil	0·46	2	1·36	0·74
	Chiniot	Nil	Nil	0·60	Nil	Nil	0·69	1	0·38	0·68
	Laklani *C*	Nil	Nil	0·28	Nil	Nil	0·57	1	0·38	0·44
	Sandyanwala *C*	Nil	Nil	0·32	Nil	Nil	0·28	1	0·65	0·47
MULTAN.	Mailsi	Nil	Nil	0·23	Nil	Nil	0·33	Nil	0·04	0·20
	Lodhran	Nil	Nil	0·36	Nil	Nil	0·28	Nil	Nil	0·19
	Shujabad	Nil	0·10	0·25	Nil	Nil	0·33	1	0·10	0·25
	Multan	1	0·16	0·36	Nil	Nil	0·32	Nil	0·01	0·43
	Kabirwala	Nil	0·05	0·29	Nil	Nil	0·33	Nil	0·05	0·34
MUZAFFARGARH.	Alipur	Nil	Nil	0·27	Nil	Nil	0·34	Nil	Nil	0·19
	Muzaffargarh	Nil	0·04	0·28	Nil	Nil	0·36	1	0·40	0·34
	Sinanwan	1	0·24	0·28	Nil	Nil	0·37	Nil	Nil	0·52
	Leiah	2	0·29	0·40	Nil	Nil	0·38	1	1·26	0·52
DERA GHAZI KHAN.	Taunsa (Sangarh Tahsil) ...	1	0·17	0·45	Nil	Nil	0·37	3	0·68	0·52
	Dera Ghazi Khan	Nil	0·14	0·43	Nil	Nil	0·38	Nil	0·04	0·48
	Fort Munro	Nil	Nil	0·30	Nil	Nil	0·81	Nil	Nil	0·70
	Jampur	Nil	0·04	0·26	Nil	Nil	0·27	Nil	0·04	0·27
	Rajanpur	Nil	Nil	0·32	Nil	Nil	0·37	Nil	0·04	0·21

C Denotes Canal

? Indicates that no

recording stations in the Punjab for the year 1917—continued.

6			7			8			2	1
APRIL.			MAY.			JUNE.				
Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Station.	District.
4	1·62	0·70	6	1·96	0·57	5	3·32	1·21	Pind Dadan Khan	JHELUM.
5	1·80	1·01	3	0·66	0·95	7	5·31	2·12	Sadr Station Jhelum	
7	1·92	0·93	4	1·66	0·93	6	5·45	1·12	Chakwal	
4	1·46	1·86	6	2·42	1·24	7	9·08	2·02	Rawalpindi	RAWALPINDI.
3	1·78	1·31	4	1·19	1·28	7	3·53	1·91	Gujar Khan	
7	2·59	1·60	4	1·84	1·24	9	8·95	2·62	Kahuta	
13	5·75	3·37	8	6·23	3·32	8	12·73	3·95	Murree	
6	2·19	1·12	3	2·19	1·21	6	4·37	1·30	Talagang	ATTOCK.
3	0·56	1·16	3	2·07	0·77	6	5·59	1·15	Pindigheb	
8	1·92	1·31	5	3·89	0·99	4	3·90	1·39	Fatehjang	
4	1·08	1·37	5	1·68	0·85	6	2·53	0·70	Attock	
3	0·64	0·81	2	1·12	0·57	2	1·87	0·86	Mianwali	MIANWALI.
1	0·71	0·92	1	0·16	0·37	1	0·15	0·63	Isa Khel	
1	0·27	0·44	3	0·85	0·29	1	0·54	0·51	Bhakkar	
3	2·12	0·35	2	0·50	0·33	2	1·54	0·74	Gugera	MONTGOMERY.
2	0·53	0·21	3	0·87	0·37	1	0·90	1·13	Montgomery	
4	0·87	0·21	3	1·31	0·33	1	0·18	0·71	Pakpattan	
6	2·29	0·29	3	1·27	0·21	4	1·18	0·86	Dipalpur	
Nil	0·14	0·64	4	1·17	0·32	1	1·11	0·64	Toba Tek Singh	LYALLPUR.
4	1·27	0·46	6	1·85	0·31	2	1·67	1·08	Samundri	
5	1·18	0·49	2	0·46	0·40	3	2·72	1·50	Lyallpur	
6	1·43	?	6	2·98	?	3	3·[illegible]	?	Jaranwala	
4	1·04	0·34	3	0·50	0·32	2	2·71	1·36	Lyallpur *C*	
4	1·80	0·27	6	2·14	0·26	3	2·26	0·85	Tarkhani *C*	
5	1·89	0·30	6	2·48	0·17	1	1·65	0·66	Muridwala *C*	
1	0·15	?	3	0·51	?	1	0·50	?	Wariam *C*	
6	2·00	0·42	6	4·32	0·16	2	1·50	0·93	Badwali *C*	
Nil	0·29	0·49	2	0·66	0·27	1	0·12	0·72	Shorkot	JHANG.
Nil	0·10	0·41	2	0·69	0·40	2	2·13	0·82	Jhang	
6	1·15	0·43	5	1·07	0·48	3	2·09	1·27	Chiniot	
1	0·35	0·32	5	1·43	0·24	2	2·18	0·74	Laklani *C*	
2	1·40	0·45	1	0·20	0·26	2	1·[illegible]4	0·88	Sandyanwala	
3	1·01	0·18	2	0·45	0·28	1	0·89	0·49	Mailsi	MULTAN.
3	1·22	0·25	Nil	0·12	0·15	1	0·15	0·40	Lodhran	
1	0·[illegible]	0·15	Nil	0·09	0·16	1	0·18	0·32	Shujabad	
1	0·22	0·24	3	1·33	0·29	2	0·88	0·51	Multan	
2	0·33	0·25	2	0·52	0·15	1	0·33	0·53	Kabirwala	
2	0·42	0·25	Nil	0·16	0·16	1	0·54	0·40	Alipur	MUZAFFARGARH.
1	0·25	0·29	2	1·04	0·29	Nil	0·03	0·42	Muzaffargarh	
2	0·49	0·40	2	0·58	0·23	2	0·99	0·41	Sinanwan	
2	0·54	0·47	1	0·32	0·29	1	0·1[illegible]	0·43	Leiah	
1	0·74	0·[illegible]9	3	1·57	0·61	1	0·66	0·51	Taunsa (Sangarh Tahsil)	DERA GHAZI KHAN.
2	0·57	0·33	3	0·67	0·38	Nil	Nil	0·50	Dera Ghazi Khan	
3	0·65	0·78	6	3·26	0·63	1	1·09	1·76	Fort Munro	
2	0·70	0·26	4	1·43	0·31	1	0·57	0·47	Jampur	
Nil	0·13	0·23	Nil	0·15	0·32	Nil	Nil	0·22	Rajanpur	

...ain-gauge station.
...verages have been fixed.

Table showing the monthly and annual rainfall of 190 rainfal

1	2	9			10			11		
		July.			August.			September.		
District.	Station.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.
Jhelum.	Pind Dadan Khan ...	5	4·60	4·03	10	8·44	4·37	6	3·52	2·01
	Sadr Station Jhelum ...	8	6·93	6·62	11	10·45	6·36	9	7·83	[illegible]
	Chakwal	4	2·03	4·14	13	6·76	4·50	12	6·60	[illegible]
Rawalpindi.	Rawalpindi	8	7·64	7·59	10	6·33	7·59	11	7·98	[illegible]
	Gujar Khan	5	7·94	6·51	10	5·36	7·91	10	7·19	[illegible]
	Kahuta	9	9·39	10·67	15	14·83	12·12	13	9·75	[illegible]
	Murree	15	17·00	12·05	20	21·00	13·12	17	13·54	[illegible]
Attock.	Talagang	5	2·32	4·14	11	7·59	4·34	6	3·29	[illegible]
	Pindigheb	3	0·68	3·80	11	7·37	4·41	5	2·69	[illegible]
	Fatehjang	2	0·39	5·29	10	9·58	6·19	5	4·25	[illegible]
	Attock	3	2·01	3·36	7	6·42	4·07	7	6·95	[illegible]
Mianwali.	Mianwali	3	0·81	2·74	9	7·76	2·41	3	2·12	[illegible]
	Isa Khel	4	1·24	1·98	6	6·06	1·72	2	1·69	[illegible]
	Bhakkar	4	3·01	2·40	9	7·79	1·82	4	1·99	[illegible]
Montgomery.	Gugera	3	1·40	2·71	10	6·11	2·37	8	11·71	[illegible]
	Montgomery	3	1·00	2·74	8	7·30	2·66	7	10·82	[illegible]
	Pakpattan	3	1·70	2·37	14	15·30	2·10	7	8·59	[illegible]
	Dipalpur	3	1·51	2·48	14	14·83	2·27	7	7·63	[illegible]
Lyallpur.	Toba Tek Singh	4	2·29	1·76	10	8·24	3·34	6	8·05	[illegible]
	Samundri	3	1·75	2·61	11	4·69	3·08	7	7·04	[illegible]
	Lyallpur	5	2·47	3·67	11	6·56	2·37	10	10·70	2·17
	Jaranwala	8	3·46	?	10	7·42	?	8	14·87	?
	Lyallpur C	6	2·59	3·16	10	6·26	2·76	10	11·57	[illegible]
	Tarkhani C	3	2·16	2·33	9	10·69	2·67	8	12·82	[illegible]
	Muridwala C	2	2·79	1·64	8	3·46	2·54	7	7·87	[illegible]
	Wariam C	2	2·50	?	5	5·70	?	6	8·52	?
	Badwali C	8	5·01	3·44	8	3·85	2·35	9	11·89	[illegible]
Jhang.	Shorkot	3	2·87	2·11	9	5·97	2·37	7	5·85	[illegible]
	Jhang	4	2·32	3·11	6	7·34	2·38	9	7·13	[illegible]
	Chiniot	7	4·94	3·36	12	3·17	2·76	7	8·45	[illegible]
	Lakiani C	4	4·11	2·55	9	12·37	2·60	6	7·12	[illegible]
	Sandyanwala C	3	2·01	2·05	11	8·37	3·57	6	7·82	[illegible]
Multan.	Mailsi	2	0·73	1·07	11	14·68	1·28	6	3·46	[illegible]
	Lodhran	2	2·18	1·32	11	11·50	1·18	6	3·25	[illegible]
	Shujabad	2	2·02	1·00	9	12·78	1·29	7	5·51	[illegible]
	Multan	2	1·64	1·96	12	8·31	1·53	8	5·10	[illegible]
	Kabirwala	3	1·07	1·74	12	8·36	1·27	8	5·95	[illegible]
Muzaffargarh.	Alipur	1	1·77	2·09	10	13·05	1·49	5	1·89	[illegible]
	Muzaffargarh	3	2·08	1·39	9	11·42	1·37	4	3·40	[illegible]
	Sinanwan	3	1·34	1·53	14	11·13	1·85	5	4·24	[illegible]
	Leiah	3	3·16	2·05	13	6·12	1·63	8	[illegible]	[illegible]
Dera Ghazi Khan.	Taunsa (Sangarh Tahsil) Dera Ghazi Khan ...	4	3·39	1·64	9	5·33	1·36	4	1·91	[illegible]
	Fort Munro	2	0·95	1·29	7	4·75	1·27	5	3·80	[illegible]
	Jampur	1	0·47	3·64	10	17·23	3·11	8	16·20	[illegible]
	Rajanpur	2	0·66	1·10	6	7·19	1·20	6	4·18	[illegible]
		1	0·28	0·78	8	2·62	0·89	7	3·85	[illegible]

C Denotes Canal

? Denotes that

recording stations in the Punjab for the year 1917—concluded.

12			13			14			15			2	1
OCTOBER.			NOVEMBER.			DECEMBER.			TOTAL.				
Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Actual number of rainy days.	Actual amount of rainfall.	Normal rainfall.	Station.	District.
1	0·85	0·20	Nil	Nil	0·27	2	0·81	0·40	41	25·64	17·11	Pind Dadan Khan	JHELUM.
2	1·49	0·31	Nil	Nil	0·27	4	2·03	0·62	54	37·98	25·69	Sadr Station Jhelum	
2	0·32	0·21	Nil	Nil	0·22	5	1·90	0·52	58	28·03	18·56	Chakwal	
Nil	0·06	0·49	Nil	Nil	0·38	5	4·07	0·91	56	40·64	32·35	Rawalpindi	RAWALPINDI.
1	0·20	0·45	Nil	Nil	0·24	6	3·01	0·90	51	30·66	29·73	Gujar Khan	
2	0·39	0·39	Nil	Nil	0·35	5	3·26	1·29	71	52·67	41·71	Kahuta	
2	0·92	1·34	Nil	Nil	0·95	1	0·96	1·15	95	83·34	54·83	Murree	
1	0·50	0·23	Nil	Nil	0·22	3	1·87	0·43	45	25·75	18·73	Talagang	ATTOCK.
1	0·56	0·34	Nil	Nil	0·30	3	1·90	0·46	40	25·13	17·85	Pindigheb	
Nil	Nil	0·38	Nil	Nil	0·18	4	2·81	0·86	42	38·11	24·68	Fatehjang	
1	0·67	0·20	Nil	Nil	0·26	6	2·21	0·72	44	25·78	19·48	Attock	
Nil	Nil	0·05	Nil	Nil	0·24	2	0·48	0·24	27	15·65	11·49	Mianwali	MIANWALI.
Nil	Nil	0·05	Nil	Nil	0·28	1	0·30	0·27	20	11·35	10·02	Isa Khel	
Nil	Nil	0·01	Nil	Nil	0·08	Nil	0·09	0·15	26	15·73	7·81	Bhakkar	
Nil	Nil	0·02	Nil	Nil	0·06	1	0·10	0·22	31	24·01	9·36	Gugera	MONTGOMERY.
Nil	Nil	0·03	Nil	Nil	0·06	1	0·24	0·27	27	22·28	10·05	Montgomery	
Nil	0·12	0·02	Nil	Nil	0·05	Nil	Nil	0·1[illegible]	34	28·60	8·33	Pakpattan	
1	0·32	0·02	Nil	Nil	0·06	Nil	Nil	0·23	41	29·84	9·15	Dipalpur	
Nil	Nil	0·01	Nil	Nil	0·04	Nil	Nil	0·20	26	21·67	8·74	Toba Tek Singh	LYALLPUR.
Nil	Nil	0·02	Nil	Nil	0·18	Nil	Nil	0·15	34	18·50	10·16	Samundri	
Nil	Nil	0·07	Nil	Nil	0·10	Nil	Nil	0·20	38	24·53	12·66	Lyallpur	
Nil	Nil	?	Nil	Nil	?	Nil	0·04	?	42	33·88	?	Jaranwala	
Nil	Nil	0·03	Nil	Nil	0·05	Nil	Nil	0·25	37	25·01	11·61	Lyallpur *C*	
Nil	Nil	0·02	Nil	Nil	0·02	Nil	Nil	0·19	34	32·10	8·71	Tarkhani *C*	
Nil	Nil	0	Nil	Nil	0·02	Nil	Nil	0·16	30	20·63	7·43	Muridwala *C*	
Nil	Nil	?	Nil	Nil	?	Nil	Nil	?	19	18·53	?	Wariam *C*	
Nil	Nil	0·02	Nil	Nil	0·03	Nil	Nil	0·21	39	28·57	11·46	Badwali *C*	
Nil	Nil	0·04	Nil	Nil	0·06	Nil	0·02	0·15	24	16·54	8·34	Shorkot	JHANG.
Nil	Nil	0·04	Nil	Nil	0·05	2	0·30	0·24	27	21·37	9·91	Jhang	
Nil	Nil	0·09	Nil	Nil	0·08	1	0·22	0·25	42	21·47	11·93	Chiniot	
Nil	Nil	0·09	Nil	Nil	0·05	Nil	Nil	[illegible]·22	28	27·94	9·18	Laklani *C*	
Nil	Nil	0·04	Nil	Nil	0·03	Nil	Nil	0·10	26	22·39	9·48	Sandyanwala	
Nil	Nil	0·02	Nil	Nil	0·04	Nil	Nil	0·18	25	21·26	5·10	Mailsi	MULTAN.
Nil	Nil	0	Nil	Nil	0·04	Nil	Nil	0·14	23	18·42	4·67	Lodhran	
Nil	Nil	0	Nil	Nil	0·06	Nil	Nil	0·17	21	21·05	4·83	Shujabad	
Nil	Nil	0·01	Nil	Nil	0·06	Nil	Nil	0·27	29	17·65	6·53	Multan	
Nil	Nil	0·01	Nil	Nil	0·08	Nil	Nil	0·16	28	16·66	5·81	Kabirwala	
Nil	Nil	0·03	Nil	Nil	0·04	Nil	Nil	0·14	19	17·83	5·74	Alipur	MUZAFFARGARH.
Nil	Nil	0·05	Nil	Nil	0·03	Nil	0·04	0·26	20	18·70	5·68	Muzaffargarh	
Nil	Nil	0·02	Nil	Nil	0·04	1	0·11	0·2[illegible]	30	19·12	6·30	Sinanwan	
Nil	Nil	0·02	Nil	Nil	0·03	Nil	0·06	0·20	31	15·54	7·18	Leiah	
Nil	Nil	0	Nil	Nil	0·05	Nil	Nil	0·16	26	14·45	6·59	Taunsa (Sangarh Tahsil).	DERA GHAZI KHAN.
Nil	Nil	0·03	Nil	Nil	0·08	Nil	0·0[illegible]	0·22	19	10·99	5·83	Dera Ghazi Khan	
Nil	Nil	0·07	Nil	Nil	0·06	Nil	Nil	0·17	29	38·90	1[illegible]·59	Fort Munro	
Nil	Nil	0·02	Nil	Nil	0·05	Nil	Nil	0·17	21	14·81	4·57	Jampur	
Nil	Nil	0·01	Nil	Nil	0·03	Nil	Nil	0·09	16	7·07	3·72	Rajanpur	

rain-gauge station.
no averages have been fixed.

MAHBUB SHAH, SUPDT.,
Office of Director of Land Records, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fatahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hissar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hansi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Budhlada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rohtak.	Rohtak	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sampla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhajjar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Salhawas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Beri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonepat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurgaon.	Farrukhnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jatusana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rewari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khol	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tauru	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nuh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Firozpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hasanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hattin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Punahana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ballabgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karnal.	Panipat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karnal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajaund	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kaithal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thanesar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ambala.	Jagadhri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ambala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Naraingarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kharar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rupar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kasauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dadupur C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla.	Baranli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Simla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kot Khai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...
	Kotgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...
	Kilba	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	0·90	...	...

C Denotes canal
? Indicates that no

IN THE PUNJAB FOR THE MONTH OF FEBRUARY 1918.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 28th February 1918.	Average rainfall from 1st October up to 28th February.	Station.	District.
...	...	...	...	...	...	...				Nil	1·0	Nil	0·39	Nil	4·39	1·54	Sirsa	Hissar.
...	...	...	...	...	...	...				Nil	1·0	Nil	0·50	Nil	4·87	1·67	Fatahabad	
...	...	...	...	...	...	...				Nil	1·1	Nil	0·51	Nil	7·13	1·83	**Hissar**	
...	...	...	...	...	...	...				Nil	1·2	Nil	0·50	Nil	8·25	1·73	Hansi	
...	...	...	...	...	...	...				Nil	1·0	Nil	0·37	Nil	2·95	1·60	Bhiwani	
...	...	...	...	...	...	...				Nil	1·0	Nil	0·55	Nil	7·31	1·93	Budhlada	
...	...	...	...	...	...	...				Nil	1·4	Nil	0·68	Nil	3·37	1·87	Tohana	
...	...	...	...	...	...	...				Nil	1·3	Nil	0·48	Nil	2·65	1·98	**Rohtak**	Rohtak
...	...	...	...	...	...	...				Nil	1·2	Nil	0·53	Nil	5·30	2·14	Gohana	
...	...	...	...	...	...	...				Nil	1·0	Nil	0·43	Nil	3·45	1·81	Sampla	
...	...	...	...	...	...	...				Nil	1·0	Nil	0·44	Nil	4·10	1·91	Jhajjar	
...	...	...	...	...	...	...				Nil	0·6	Nil	0·47	Nil	3·39	1·63	Salhawas	
...	...	...	...	...	...	...				Nil	?	Nil	0·58	Nil	2·88	2·75	Beri	
...	...	...	...	...	...	...				Nil	1·3	Nil	0·50	Nil	2·52	2·27	Sonepat	
...	...	...	...	...	...	...				Nil	1·3	Nil	0·55	Nil	1·75	2·15	Farrukhnagar	Gurgaon.
...	...	...	...	...	...	...				Nil	1·1	Nil	0·50	Nil	1·10	1·75	Jatusana	
...	...	...	...	...	...	...				Nil	1·2	Nil	0·42	Nil	4·50	1·79	Rewari	
...	...	...	...	...	...	...				Nil	1·5	Nil	0·78	Nil	2·67	2·17	Khol	
...	...	...	...	...	...	...				Nil	1·2	Nil	0·70	Nil	1·82	2·37	Tauru	
...	...	...	...	...	...	...				Nil	1·1	Nil	0·57	Nil	2·53	2·08	Nuh	
...	...	...	...	...	...	...				Nil	1·0	Nil	0·44	Nil	2·24	1·67	Firozpur	
...	...	...	...	...	...	...				Nil	?	Nil	?	Nil	1·40	?	Hasanpur	
...	...	...	...	...	...	...				Nil	1·3	Nil	0·60	Nil	1·60	2·01	Hattin	
...	...	...	...	...	...	...				Nil	1·0	Nil	0·56	Nil	3·04	2·06	Palwal	
...	...	...	...	...	...	...				Nil	1·1	Nil	0·61	Nil	2·64	2·18	Sohana	
...	...	...	...	...	...	...				Nil	1·3	Nil	0·59	Nil	3·44	2·34	**Gurgaon**	
...	...	...	...	...	...	...				Nil	1·6	Nil	0·71	Nil	2·50	2·42	Punahana	
...	...	...	...	...	...	...				Nil	1·1	Nil	0·60	Nil	2·99	2·14	Ballabgarh	
...	...	...	...	...	...	...				Nil	1·8	Nil	0·75	Nil	3·70	2·44	Panipat	Karnal.
...	...	...	...	...	...	...				Nil	2·1	Nil	1·04	Nil	6·40	3·44	**Karnal**	
...	...	...	...	...	...	...				Nil	1·3	Nil	0·62	Nil	4·40	1·94	Rajaund	
...	...	...	...	...	...	...				Nil	1·4	Nil	0·70	Nil	6·18	2·29	Kaithal	
...	...	...	...	...	...	...				Nil	1·9	Nil	0·81	Nil	8·93	2·49	Gulah	
...	...	...	...	...	...	...				Nil	1·9	Nil	1·15	Nil	6·63	3·18	Thanesar	
...	...	...	...	...		...				Nil	2·4	Nil	1·36	Nil	10·14	4·25	Jagadhri	Ambala.
...	...	...		...		...				Nil	2·5	Nil	1·51	Nil	8·14	4·05	**Ambala**	
...	...	...	...	...	...	...				Nil	2·7	Nil	1·66	Nil	9·09	4·62	Naraingarh	
...	...	...	...	...	...	...				Nil	2·6	Nil	1·41	Nil	7·68	4·15	Kharar	
...	...	...	...	...	...	...				Nil	2·6	Nil	1·51	Nil	8·89	4·30	Rupar	
...	...	...	0·15	...	...	...				1	3·3	0·16	2·42	0·16	14·21	6·98	Kasauli	
...	...	...	...	...	...	...				Nil	2·9	Nil	1·44	Nil	10·50	4·80	Dadupur C	
...	...	...	...	...	...	...				Nil	4·4	Nil	2·46	Nil	8·93	6·66	Barauli	Simla.
...	...	...	0·22		0·01	...				1	5·8	0·23	2·76	0·22	8·69	7·70	**Simla**	
...	...	0·25	...	0·10	...					3	4·8	0·55	3·20	0·25	8·31	7·59	Kot Khai	
...	...	0·50	...	0·10	...	...				3	4·5	0·70	2·75	0·50	9·34	7·22	Kotgarh	
...	...	0·65	...	0·52	...	...				4	6·7	2·37	3·95	0·90	8·17	11·28	Kilba	

rain-gauge station.
averages have been fixed.

2645 PGG

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station	1st.	2nd.	3rd.	4th.	5th	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jind State.	Dhaneta *C* ...	...	...	...	...		...	...		...	...		...	...		...	...	...	...	...	...	...
	Safidan *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikaner State.	Chhani *C* ...	...	...	...	...		...	...	...	...	...		...	...			...		...	...	...	...
Patiala State.	Kotra *C* ...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
	Jodhpur *C* ...	...	...	...	...	...	...	...	...	...	...		...	...		...	...	...	...	...	...	...
	Raniki *C* ...	...	...	...	...		...	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	Lehal *C* ...	...	...		...		...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
	Gujran *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Barthala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
Nabha State.	Dadahur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bundher *C* ...	...	...		...			...	...	...	...	...	...	...	...	...	...		...	...	...	...
Kangra.	Banjar (Saraj Tahsil)	...	...	...	...	...	...	...	...		...	...	...	...	...	0·09	...	...	...	...	0·14	
	Kulu ...	...	...	...	...	...	...	...	...	...	...	...		...	0·03	0·06	...		...	...	...	
	Nagar ...	...		...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hamirpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	Dera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
	Kangra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dharmsala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nurpur ...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hoshiarpur.	Dasuya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Una ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Garhshankar ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
	Hoshiarpur	...	...	...	...	...	...	...		...	...	...		...	...	...	...	...	...	...	...	...
	Tanda	...	...	...	...	...	...	...	...	...	...		...	...		...	...	...	...	...	...	...
Jullundur.	Jullundur ...	...	...	...	...	...	...	...	...	...			...	...		...	...	...	...	...	...	...
	Nakodar ...	...	...	...	...	...	...	...	...	...	...		...	...		...	...	...	...	...	...	...
	Phillaur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nawashahr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ludhiana.	Samrala ...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana ...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jagraon ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
Ferozepore.	Moga ...	...		...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Zira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore Sadr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore City ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muktsar ...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fazilka ...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nathana ...	...	...	...	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jalalabad ...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Abohar ...	...		...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gobindgarh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Phidda *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—Denotes canal
R—Denotes slight
?—Indicates that no

Punjab for the month of February 1918—continued

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 28th February 1918.	Average rainfall from 1st October up to 28th February.	Station.	District.
...		...	...	...	...	...				Nil	1·8	Nil	0·77	Nil	11·78	2·28	Dhaneta *C*	Jind State.
...	...	...		...	...	...				Nil	1·4	Nil	0·83	Nil	4·20	2·64	Safidan *C*	
...	...	...	...	...	...	...				Nil	1·3	Nil	0·59	Nil	4·90	2·06	**Jind** *C*	
...	...	...	...	...	...					Nil	0·7	Nil	0·39	Nil	5·10	1·20	Chhani *C*	Bikaner State.
...	...	...	...		...	...				Nil	1·3	Nil	0·44	Nil	7·82	1·59	Kotra *C*	Patiala State.
...		...	...	...	...	...				Nil	1·5	Nil	0·60	Nil	3·95	2·01	Jodhpur *C*	
...	...	...	...	...	...	...				Nil	1·8	Nil	0·77	Nil	7·61	2·24	Raniki *C*	
...	...	...	...	...	...	...				Nil	2·5	Nil	1·28	Nil	9·95	3·62	Lehal *C*	
...	...	...	...	...	...	...				Nil	1·6	Nil	0·64	Nil	10·85	2·32	Gujran *C*	
...		...	...	...	...	...				Nil	1·9	Nil	1·05	Nil	8·02	3·36	Barthala *C*	
...	...	...	...	...	...	...				Nil	1·9	Nil	0·79	Nil	4·18	2·17	Dadahur *C*	Nabha State.
...	...	...	...	...	...	...				Nil	1·5	Nil	0·57	Nil	5·90	1·91	Bundher *C*	
...	...	...	0·56	...	...	...				2	5·5	0·79	2·95	0·56	11·26	8·48	Banjar (Seraj Tahsil)	Kangra.
...	...	...	0·79	...	...	...				1	6·5	0·88	4·34	0·79	9·81	11·91	Kulu	
...		...	0·44	...	...	...				1	7·3	0·44	5·68	0·44	7·78	14·87	Nagar	
...	...	...	0·42	...						1	6·1	0·42	4·87	0·42	8·32	12·95	Palampur	
...	...	...	0·20	...	...	...				1	4·1	0·20	2·56	0·20	7·24	7·08	Hamirpur	
...	...	...	0·21	...	...	...				1	3·4	0·21	2·75	0·21	7·37	7·13	Dera	
...	...	...	0·26	...	...	...				1	4·5	0·26	3·03	0·26	5·65	8·24	Kangra	
...	...	...	0·31	...	...	...				1	6·3	0·31	4·64	0·31	7·06	12·62	**Dharmsala**	
...	...	...	0·33	...	...	...				1	4·1	0·33	3·33	0·33	7·23	9·20	Nurpur	
...	0·05		...	...	...	...				Nil	2·9	0·05	1·65	0·05	8·27	4·94	Dasuya	Hoshiarpur.
...	...	...	...	...	0·10	...				1	3·3	0·10	1·86	0·10	9·99	5·23	Una	
...	...	...	...	...	...	...				Nil	2·7	Nil	1·49	Nil	8·23	4·61	Garhshankar	
...	...	...	...	...	0·08	...				Nil	3·3	0·08	1·80	0·08	7·41	5·43	**Hoshiarpur**	
...			...	...	...	...				Nil	?	Nil	?	Nil	Nil	?	Tanda	
...	...	...	*R*	...	...	...				Nil	2·5	Nil	1·33	Nil	6·43	3·93	**Jullundur**	Jullundur.
...	...	...	...	...	...	...				Nil	2·1	Nil	1·17	Nil	6·07	3·01	Nakodar	
...		...		...	...	...				Nil	2·4	Nil	1·13	Nil	6·74	3·47	Phillaur	
...	...	...	*R*	*R*	...					Nil	2·6	Nil	1·36	Nil	8·0[illegible]	4·15	Nawashahr	
...	...	...	...		...	...				Nil	2·5	Nil	1·03	Nil	8·22	3·39	Samrala	Ludhiana.
...	...	...	...		...	...				Nil	2·4	Nil	1·18	Nil	7·94	3·66	**Ludhiana**	
...	...	...	...	...	...	...				Nil	1·9	Nil	0·93	Nil	5·39	2·69	Jagraon	
...	...	...	...	...	...	...				Nil	1·8	Nil	0·85	Nil	5·70	2·41	Moga	Ferozepore.
...	...	...	...	...	...	...				Nil	1·8	Nil	0·88	Nil	8·87	2·48	Zira	
...	...	...	...		...	...				Nil	1·7	Nil	0·82	Nil	3·58	2·35	**Ferozepore Sadr**	
...	...	...	...	...	...	...				Nil	2·3	Nil	1·07	Nil	3·63	2·96	Ferozepore City	
...	...	...	...	...	...	...				Nil	1·2	Nil	0·54	Nil	3·70	1·54	Muktsar	
...	...	...	...	...	...	...				Nil	1·4	Nil	0·63	Nil	0·78	1·65	Fazilka	
...	...	...	...	...	...	...				Nil	1·4	Nil	0·72	Nil	4·25	1·78	Nathana	
...	...	...	...	...	...	...				Nil	1·9	Nil	0·75	Nil	2·26	1·86	Jalalabad	
...	...	...	...	...	...	...				Nil	?	Nil	1·26	Nil	2·40	2·67	Abohar	
...	...	...	...	...	...	...				Nil	1·0	Nil	0·34	Nil	2·48	1·20	Gobindgarh *C*	
...	...	...	...	...	...	...				Nil	1·7	Nil	0·73	Nil	6·51	2·06	Phidda *C*	

rain-gauge station,
rainfall.
averages have been fixed,

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Lahore.	Van *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chunian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kasur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pambe *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Niazbeg *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore Cant. *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manihala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dafthu *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nijabat *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amritsar.	Buchar *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khara *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tarn Taran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Raya *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar Jail Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Buggeh *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ajnala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurdaspur.	Aliwal *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Batala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tibri *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdaspur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pathankot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dalhousie	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Madhopur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shakargarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sialkot.	Zafarwal	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...
	Pasrur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Raya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Daska	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...
Gujranwala.	Ramnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wazirabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...
	Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	...	...	R.	...	...	...	...	...	0·01	...
	Sheikhupura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hafizabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khangah Dogran	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...
	Sharakpur	...	...	...	...	...	...	...	...	...	R.	0·03	...	...	R·	...	...	...	...	...	R.	...
	Shahjamal *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pacca Dalla *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Feroz *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gujrat.	**Sadr (Gujrat)**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kharian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Phalia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahpur.	Midh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nurpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sakesar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...
	Naushehra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...
	Shahpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhalwal	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...

C—Denotes canal
R.—Denotes slight
?—Indicates that on

Punjab for the month of February 1918.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 28th February 1918.	Average rainfall from 1st October up to 28th February.	Station.	District.
...	...	...	...	...	...	...				Nil	1·9	Nil	0·88	Nil	0·55	2·41	Van *C*	Lahore.
...	...	...	...	...	...	...				Nil	1·1	Nil	0·54	Nil	0·26	1·74	Chunian	
...	...	...	...	...	...	...				Nil	1·5	Nil	0·70	Nil	2·61	2·17	Kasur	
...	...	...		...	...	...				Nil	2·3	Nil	0·96	Nil	0·80	2·42	Pambe *C*	
...	...		...	...	...	...				Nil	2·1	Nil	1·04	Nil	1·05	2·88	Niazbeg *C*	
...	...	...	...	...	0·17					1	2·1	0·17	1·01	0·17	1·42	2·71	**Lahore**	
...	...	...	...	...	...					Nil	2·7	Nil	1·27	Nil	2·40	3·34	Lahore Cant. *C*	
...	...	...	...	...	...	...				Nil	2·0	Nil	0·93	Nil	4·55	2·70	Manihala *C*	
...	...	...	...	...	...	...				Nil	1·8	Nil	0·79	Nil	1·38	2·32	Dafthu *C*	
...	...	...		...	...					Nil	1·5	Nil	0·58	Nil	1·50	1·85	Nijabat *C*	
...	...	...	...	...	...					Nil	2·4	Nil	1·22	Nil	3·00	3·35	Buchar *C*	Amritsar.
...	...	...	...	...		...				Nil	1·9	Nil	0·88	Nil	8·80	2·30	Khara *C*	
...	...	...	...	...	0·10	...				1	2·2	0·10	1·09	0·10	9·80	2·23	Tarn Taran	
...	...		...	...	...	...				Nil	2·4	Nil	1·29	Nil	7·90	3·59	Raya *C*	
...	...	...	...	0·05	0·03	..				Nil	2·7	0·11	1·17	0·08	3·92	3·63	Amritsar Jail Hospital	
...		...		0·08	...	...				Nil	2·6	0·08	1·26	0·08	5·45	3·46	**Amritsar** *C*	
...	..	...	...	...	...	...				Nil	2·3	Nil	1·45	Nil	3·50	3·80	Buggeh *C*	
...	...		...	...	0·05	...				Nil	2·3	0·05	1·23	0·05	3·74	3·26	Ajnala	
...	..	...	...	...		...				Nil	2·9	Nil	1·39	Nil	5·42	4·08	Aliwal *C*	Gurdaspur.
	...		0·06	0,05	...	...				Nil	2·6	0·11	1·51	0·06	8·06	4·36	**Batala**	
...	...	0·05	...	...	..	...				Nil	3·0	0·05	1·82	0·05	6·50	5·38	Tibri *C*	
...	...	..	0·07	...	...	...				Nil	2·9	0·07	1·79	0·07	7·17	5·26	**Gurdaspur**	
...	...	...	0·24	...	...	...				1	3·6	0·24	2·58	0·24	8·10	7·04	Pathankot	
...	...	...	0·65	...	...	...				1	5·7	0·65	6·46	0·65	12·62	15·46	Dalhousie	
...	...	0·25	...	...	...	...				1	4·4	0·25	3·19	0·25	8·68	8·74	Madhopur *C*	
..	...	0·08	...	...	...	...				Nil	3·2	0·08	2·00	0·08	8·70	5·49	Shakargarh	
...	...	...	0·25	...	...	...				1	3·0	0·27	1·70	0·25	4·66	4·87	Zafarwal	Sialkot.
...		...	...	...	...	...				Nil	2·9	Nil	1·57	Nil	5·35	4·31	Pasrur	
...	...			...	...	...				Nil	2·7	Nil	1·28	Nil	2·75	3·53	Raya	
...	...	...	...	...	...					Nil	3·0	Nil	1·43	Nil	2·91	3·87	Daska	
...	...	...	0·26		...	...				1	3·4	0·29	1·81	0·26	4·22	5·01	**Sialkot**	
...	...	...	0·03	0·03	...	..				Nil	1·7	0·10	0·89	0·04	1·31	2·94	Ramnagar	Gujranwala.
...	...	..	0·07		...	...				Nil	2·7	0·07	1·18	0·07	1·34	3·52	Wazirabad	
...	..	...	0·05	0·02		...				Nil	2·7	0·08	1·31	0·05	1·18	3·76	**Gujranwala Sadr Kacheri.**	
...	...	...				...				Nil	1·3	Nil	0·68	Nil	0·25	2·20	Sheikhupura	
...	...	...	...	0·15		...				1	3·5	0·18	1·12	0·15	0·48	2·95	Hafizabad	
...	...	R.	...	0·16	0·04	..				1	2·2	0·23	1·08	0·16	0·57	2·89	Khangah Dogran	
...	...	...	...	0·05	...					Nil	1·5	0·05	0·70	0·05	0·44	2·03	Sharakpur	
...		...	...	0·20	...	...				1	?	0·20	0·44	0·20	0·61	2·32	Shahjamal *C*	
...	..	..	...	...		...				Nil	1·6	Nil	0·74	Nil	Nil	1·92	Pacca Dalla *C*	
...	...	...	...	...		...				Nil	2·0	Nil	0·66	Nil	Nil	1·70	Feroz C	
...	...	0·10	...	...	...					1	3·2	0·10	1·52	0·10	2·32	4·43	**Sadr (Gujrat)**	Gujrat.
...	...	0·17	...	...	...	...				1	2·9	0·17	1·67	0·17	3·99	4·94	Kharian	
...	...	...	...	...	.					Nil	2·5	Nil	1·23	Nil	0·98	3·47	Phalia	
...	...	...	...	0·50	...					1	1·9	0·05	0·87	0·50	0·50	2·54	Midh	Shahpur.
...	...		...	...	...	...				Nil	1·8	Nil	0·77	Nil	0·10	1·94	Sahiwal	
...	...	...		..	0·17	0·06				2	1·3	0·33	0·74	0·17	0·33	1·70	Nurpur	
...	...	...	0·30	0·40		...				2	1·0	0·70	1·01	0·40	1·90	2·26	Sakesar	
...	...	...	...	0·29	...	...				1	2·5	0·37	1·48	0·29	1·96	3·67	Naushehra	
...		0·03	...	0·20	...	...				1	1·9	0·23	0·[illegible]5	0·20	0·65	2·08	Khushab	
...	0·03	...	0·02	0·16	0·05	...				1	2·1	0·26	0·99	0·16	0·68	[illegible]·46	Shahpur	
...	...	...	...	...		...				Nil	1·9	Nil	0·9[illegible]	Nil	0·40	2·62	Bhera	
...	...	...	...	0·29	0·01	...				1	2·7	0·32	1·18	0·29	0·92	2·31	Sargodha	
...	...	...	...	0·21	...	...				1	?	0·21	?	0·21	1·18	?	Bhalwal	

rain-gauge station.
rainfall.
average have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jhelum.	Pind Dadan Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chakwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi.	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujar Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kahuta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Murree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Attock.	Talagang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pindigheb	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fatehjang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Attock	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mianwali.	Mianwali	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Isa Khel	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhakkar	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...	...	...
Montgomery.	Gugera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	0.02	...	...	...	...	...	...	...	...
	Pakpattan	...	...	...	...	...	...	...	...	...	...	0 03	...	...	...	...	...	...	...	...	...	...
	Dipalpur	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...	...
Lyallpur.	Toba Tek Singh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Samundri	...	...	...	...	...	...	...	...	...	...	...	...	0·04	0·02	...	...	...	...	...	...	...
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jaranwala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...
	Lyallpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tarkhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maridwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wariam *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Badwali *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhang.	Shorkot	...	...	...	...	...	...	...	...	...	...	...	...	0·04	R	...	...	...	...	...	...	...
	Jhang	...	...	...	...	...	...	...	...	...	...	...	...	R	...	...	...	...	...	R	...	...
	Chiniot	...	...	...	...	...	...	...	...	...	...	0·04	...	...	0·05	...	...	...	...	...	...	...
	Laklani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sandyanwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan.	Mailsi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lodhran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shujabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kabirwala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muzaffargarh.	Alipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh	...	...	...	...	...	...	...	...	...	...	...	0.01	...	...	...	0·05	...	...	...	...	...
	Sinanwan	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	0·02	...	...	...	...
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...	...	...	...	...	...
Dera Ghazi Khan.	Taunsa (Sanghar Tahsil)	...	...	...	...	...	...	...	...	...	...	...	0·03	0·04	R	...	...	...	...	...	...	...
	Dera Ghazi Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	R	...	...
	Fort Munro	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·37	...	...
	Jampur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...
	Rajanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—Denotes canal
R—Denotes slight
?—Indicates that no

Punjab for the month of February 1918—concluded.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 28th February 1918.	Average rainfall from 1st October up to 28th February.	Station.	District.
...	...	...	...	...	...	...				Nil	2·2	Nil	1·16	Nil	1·74	3·37	Pind Dadan Khan	Jhelum.
...	...	...	0·16	...	...	...				1	3·0	0·16	1·46	0·16	4·35	4·76	**Sadr Station (Jhelum)**	
...	...	0·05	0·03	...	...	...				Nil	3·1	0·13	1·26	0·05	2·39	3·60	Chakwal	
...	...	...	0·30	...	...	...				1	4·2	0·30	2·30	0·30	4·62	6·85	**Rawalpindi**	Rawalpindi.
...	...	0·08	0·15	...	...					1	3·4	0·23	2·14	0·15	3·95	6·20	Gujar Khan	
...	...	...	0·40	...	...	...				1	4·0	0·40	2·72	0·40	4·50	8·00	Kahuta	
...	...	...	...	...	...	...				Nil	3·9	Nil	3·47	Nil	2·98	10·48	Murree	
...	0·03	0·07	...	0·03	...	...				Nil	2·6	0·13	1·27	0·07	2·50	3·41	Talagang	Attock.
...	...	...	...	...	...	..				Nil	2·7	Nil	1·17	Nil	2·46	3·63	Pindigheb	
...	...	...	...	...	...	...				Nil	3·2	Nil	1·87	Nil	2·81	5·43	Fatehjang	
		0·03	0·16	...	...					1	3·5	0·19	2·00	0·16	3·16	5·40	**Attock**	
...		0·02	0·13	...	...	...				1	1·7	0·15	0·90	0·13	0·68	2·33	**Mianwali**	Mianwali.
...	...	...	...	...	0·04	..				Nil	1·	Nil	0·97	Nil	0·30	2·35	Isa Khel	
...	...	...	...	0·05		...				1	1·2	0·24	0·50	0·15	0·41	1·22	Bhakkar	
...	...	...	...	...	...	...				Nil	1·3	Nil	0·54	Nil	0·10	1·47	Gugera	Montgomery.
...	...	...	...	...	...	...				Nil	1·3	0·02	0·59	0·02	0·34	1·43	**Montgomery**	
...	...	...	...	...	...	...				Nil	1·2	0·03	0·41	0·03	0·38	1·14	Pakpattan	
...	...	...	...	...	...	...				Nil	1·5	0·03	0·58	0·03	0·61	1·51	Dipalpur	
...	...	...	...	...	...	...				Nil	1·0	Nil	0·37	Nil	Nil	1·30	Toba Tek Singh	Lyallpur.
...	...	...	...	...	...	...				Nil	1·4	0·06	0·49	Nil	0·19	1·32	Samundri	
...	...		...	0·03	...	...				Nil	1·5	0·03	0·69	Nil	0·03	1·65	**Lyallpur**	
...	...	...	...	0·03	...	...				Nil	?	0·11	?	0·08	0·26	?	Jaranwala	
...	...		...	...	...	...				Nil	1·5	Nil	0·66	Nil	Nil	1·33	Lyallpur *C*	
...	..	...	...	...	...	...				Nil	1·2	Nil	0·47	Nil	0·03	1·06	Tarkhani *C*	
...	...	...	...	...	...	...				Nil	1·2	Nil	0·41	Nil	Nil	0·88	Muridwala *C*	
...	...	...	...	...	...	...				Nil	?	Nil	0·46	Nil	Nil	1·06	Wariam *C*	
...	...	...	...		...	...				Nil	1·8	Nil	0·72	Nil	Nil	1·95	Badwali *C*	
...	...	...	...	...		...				Nil	1·1	0·04	0·44	0·04	0·09	1·12	Shorkot	Jhang.
...	...	...	...		...	...				Nil	1·5	Nil	0·50	Nil	0·30	1·36	**Jhang**	
...	...	...	...	0·15	...	...				1	1·7	0·24	0·73	0·15	0·54	1·81	Chiniot	
...	...	...	...	...	...	...				Nil	1·2	Nil	0·57	Nil	Nil	1·30	Laklani *C*	
...	...	...	...	...	...	...				Nil	0·9	Nil	0·30	Nil	Nil	0·92	Sandyanwala *C*	
...		...	...	...	...					Nil	0·8	Nil	0·33	Nil	0·04	0·85	Mailsi	Multan.
...	...	...	...	...	...	...				Nil	0·8	Nil	0·26	Nil	0·07	0·88	Lodhran	
...	...	...	...	...	...	...				Nil	0·9	Nil	0·32	Nil	Nil	0·84	Shujabad	
...	...	...	...	...	...	...				Nil	1·2	Nil	0·31	Nil	0·03	1·05	**Multan**	
...	...	...	...	...	...	...				Nil	1·0	Nil	0·33	Nil	Nil	0·90	Kabirwala	
...	...	...	...	...	...	...				Nil	0·8	Nil	0·33	Nil	Nil	0·84	Alipur	Muzaffargarh.
...		...	...	...		...				Nil	1·1	0·06	0·35	0·05	0·10	1·03	**Muzaffargarh**	
...	...	...	...	...	...	...				Nil	1·0	0·04	0·37	0·02	0·34	1·00	Sinanwan	
...	...	...	...	...	...	...				Nil	1·0	0·07	0·39	0·07	0·15	1·17	Leiah	
...	...	...	...	...	...	...				Nil	1·0	0·07	0·37	0·04	0·11	1·17	Taunsa (Sanghar Tahsil)	Dera Ghazi Khan.
...		...	...	...	...	...				Nil	1·2	Nil	0·38	Nil	0·11	1·19	**Dera Ghazi Khan**	
...	...	...	...	...	...	...				1	1·3	0·37	0·71	0·37	0·37	1·47	Fort Munro	
...		...	...	...	...	...				Nil	0·8	0·03	0·28	0·03	0·08	0·84	Jampur	
...	R	...	...	..	...	..				Nil	0·8	Nil	0·36	Nil	Nil	0·87	Rajanpur	

rain-gauge station.
rainfall.
averages have been fixed.

MAHBUB SHAH, SUPERINTENDENT,
Office of Director of Land Records, Punjab.

Notes on the condition and prospects of crops, etc., in each district of the Punjab for the month of February 1918.

1.—HISSAR DISTRICT.

No rain in this month. Standing rabi crops in good condition. Cattle in good condition. Fodder sufficient. Public health generally good. Water in perennial canals sufficient. Prices stationary.

2.—ROHTAK DISTRICT.

No rainfall during the month. Need is being felt for it. Condition of irrigated wheat, barley, gram and sarshaf is generally good and of unirrigated fair. Pressing of sugarcane continues, yield on irrigated land is above average and on unirrigated land average. Cattle are generally in good condition. Supply of fodder and water is adequate. Condition of health is good. Supply of canal water is adequate. Prices are between warning and scarcity rates. Movements of food-grains remained generally restricted.

3.—GURGAON DISTRICT.

No rain. Tobacco is being planted on irrigated land. Cane sowing in Palwal and Ballabgarh Tahsils commenced. Standing rabi crops are still in good condition. Outturn on irrigated land is expected to be good and that on unirrigated land fair. Cattle in good condition. Fodder scarce and water sufficient. Health of people fair. Canal running. Supply of water sufficient.

4.—KARNAL DISTRICT.

No rainfall during the month. Extra rabi crops were sown in some places on irrigated area. The condition of irrigated crops is generally good but unirrigated ones are beginning to wither for want of rain and are below average. The expected yield on irrigated area is average and on unirrigated three-fourth of the average. Cattle are generally in good condition. Fodder is scarce and water is sufficient. Public health is good. Canals worked satisfactorily. No inundation.

5.—AMBALA DISTRICT.

No rain during the month. It is badly wanted. Condition of standing crops fair on irrigated lands, but bad on unirrigated lands. Cattle generally are in good condition. Fodder and water supply sufficient. Public health generally good. Western Jumna Canal flowed continuously. Water adequate for irrigation purposes. Prices stationary.

6.—SIMLA DISTRICT.

Rainfall in both tahsils insufficient; more rain needed. No sowings made. Condition of crops not good. Condition of cattle good, fodder and grazing sufficient. Public health good. Water in hill streams sufficient.

7.—KANGRA DISTRICT.

Rainfall during the month was much below the average. Though beneficial, it was not sufficient for standing crops More rain is wanted. Condition of crops is only fair in irrigated lands, while crops in unirrigated area are suffering. Cattle are generally in fair condition. Fodder is insufficient Public health is generally good. Water in kuhls and streams was generally sufficient for irrigation purposes. Prices of food-grains are very high.

8.—HOSHIARPUR DISTRICT.

Sowings of extra rabi, *i.e.*, tobacco and sugarcane were made to a small extent. The standing crops require rain very badly. Owing to want of rain the standing crops, it is feared, will be damaged to a large extent. The condition of cattle good. Fodder insufficient. Shah Nahr Canal closed. Prices rising.

9.—JULLUNDUR DISTRICT.

No rain during the month. It is badly wanted for barani crops. No sowings were made. The condion of standing irrigated crops is good and that of unirrigated much below average. The outturn of sugarcane is good. Yield of irrigated rabi crops expected to be good, and of unirrigated very poor. Cattle in good condition, but fodder is inadequate. Public health is generally good.

10.—LUDHIANA DISTRICT.

No rainfall at all. Extra rabi sowings commenced on chahi and sailab lands. The irrigated crops are poor and unirrigated bad. Cattle are getting weak owing to want of fodder and excessive work. Fodder is getting scarce. No grazing available. Canal irrigation is not sufficient owing to want of supply in the river. The food stuffs are nearing scarcity rates.

11.—FEROZEPORE DISTRICT.

Weather remained dry throughout the month. Rain is anxiously wanted for standing crops. Extra rabi crops are being sown. Condition of crops on irrigated area average to good and those on unirrigated area below normal. The latter are suffering for want of rain. Condition of cattle good. Dry fodder sufficient except in Bet tracts. Sirhind Canals worked satisfactorily.

12.—LAHORE DISTRICT.

Some light showers fell in Lahore Tahsil only. Irrigated crops average and unirrigated crops less than average. Rain is badly wanted. The yield of irrigated crops is expected to be average and unirrigated about three-fourth of it. Condition of cattle is average, fodder and water sufficient. Canal water supply sufficient. No floods in the rivers. Prices high.

13.—AMRITSAR DISTRICT.

Sugarcane in Amritsar Tahsil and vegetables in Ajnala Tahsil were sown to some extent at the end of this month. The condition of standing irrigated crops is average and of unirrigated below average. Expected yield average. Condition of cattle is generally good. Public health is generally good. Canals working by rotation. No compliant. No flood in rivers.

14.—GURDASPUR DISTRICT.

There was practically no rainfall during the month. Rain is badly wanted. No sowings. The condition of crops on irrigated and low-lying lands is average, but that of unirrigated areas is poor for want of rain. The yield of rabi crop is expected to be below average. Pressing of sugarcane continues. The crop has suffered to some extent for want of rain. Cattle are healthy. Scarcity of fodder is complained of. Canals are flowing, but no irrigation is done. Prices are stationary.

15.—SIALKOT DISTRICT.

Rain wanted. Extra spring sowings continued. Condition of standing crops average Yield of sugarcane average. Cattle weak on account of scarcity of fodder. Public health good. Canal remained closed. No floods. Jhallari irrigation from Aik continued.

16.—GUJRANWALA DISTRICT.

Slight rain fell during this month. More is badly wanted. Sowings of extra rabi crops are in progress. General condition of irrigated crops is average and of unirrigated crops poor. The condition of cattle is fair. Grazing is unsufficient for want of rain. Wheat is being used as fodder. Public health is generally good. Irrigation by canals is done by rotational turns. Water supply sufficient.

17.—GUJRAT DISTRICT.

Very slight rain received during the month. In certain tracts sowings of extra rabi crops on irrigated lands commenced. Condition of standing rabi crops below average. Rain is badly wanted. Cattle are in good condition. Fodder is getting scarce. Public health is generally good. Canal flowing.

18.—SHAHPUR DISTRICT.

There has been a slight rainfall during the month. It is wanted urgently. Sowings of tobacco and onions began on irrigated area, and are expected to be normal. Condition of standing crops was normal on irrigated and below normal on unirrigated areas. Condition of gram was fair on unirrigated area in Khusháb Tahsil. Yield of gram expected fair and that of wheat below normal. Harvesting of toria and pressing of sugarcane continued. Yield is expected to be below normal. Condition of cattle was generally good. Fodder was sufficient. Condition of public health was good. Lower Jhelum Canal continued to flow for 15 days. Water supply sufficient.

19.—JHELUM DISTRICT.

Slight showers, which fell during the month, did not benefit crops. Standing crops rapidly deteriorating for lack of rain. Cattle fair. Fodder is becoming scarce. Public health fair. Prices rising.

2 45 PGG

20.—Rawalpindi District.

Very slight rain fell, and it helped the standing crops. The condition of crops average. The condition of cattle good, fodder available. Public health good.

21.—Attock District.

There has been very little rainfall in Tallagang and Attock, while the other two tahsils have had none at all. The crops have begum to feel the absence of rain, which is badly wanted now. The condition of cattle is fair. The scarcity of fodder is being felt in some parts of the district. Public health generally good. No canals; water is sufficient. Prices are rising.

22.—Mianwali District.

It rained slightly in Miánwáli and Bhakkar Tahsils during the month. The condition of standing crops is average on irrigated and below average on unirrigated areas. The condition of wheat crop is getting worse for want of rain which is badly wanted. Cattle in fair condition. Fodder and grazing are procurable. Public health good. The Kurram Canal is watering lands in Isá Khel and Nammal Canal in Miánwáli Tahsils sufficiently.

23—Montgomery District.

Extra rabi sowings continued during the month. Condition of standing crops average. Rain is badly wanted. Average yield is expected. Condition of cattle generally good. Lower Bari Doab Canal closed. Other canals dried up. No floods in the river. Prices high.

24.—Lyallpur District.

Extra rabi sowings commenced in some parts of the Lyallpur Tahsil. The condition of standing crops is generally good. The crops need rain. Sugarcane pressing nearly finished. Toria harvesting finishing. Condition of cattle is generally good. Fodder sufficient. The state of public health generally good. Canals working satisfactorily.

25.—Jhang District.

Slight rain benefited crops. In Jhang and Shorkot extra rabi crops and sugarcane are being sown. Condition of crops in Shorkót and Jhang average, in Chiniot good. More rain is required. Cattle healthy. Green fodder is available. Public health good in Shorkot. Canals are flowing. Prices are high.

26.—Multan District.

No rain during the month, but it is badly wanted throughout the district. The sowings of extra rabi crops and sugercane were in progress and are normal. The condition of standing rabi crops on irrigated areas generally good and in unirrigated area average to below average. Condition of cattle generally good. Fodder sufficient. Public health generally good. All inundation canals except the Ghulamwah are dry. Sidhnai is working by rotation. Prices of food grains stationary.

27.—Muzaffargarh District.

Slight rain fell in the three northern tahsils. Tobacco, vegetables and sugarcane sown during the month. Condition of standing crops below average. Condition of cattle generally good. Fodder available to some extent. Canals dry. No floods. Prices of food grains still high.

28.—Dera Ghazi Khan District.

There has been no rain during the month. The zaid rabi is being sown in the 3 southern tahsils. The condition of standing crops in Sanghar is average, and in Dera somewhat below average. In Jampur oilseeds have suffered from cold. Other crops good. In Rajanpur lack of rain has spoilt crops. Expected outturn in Sanghar, Dera and Jampur about average, and in Rajanpur below average. Condition of cattle fair, but fodder is scarce. Public health generally good. No floods. River low. Canals dry. Prices are high and rising.

MAHBUB SHAH, Supdt.,

for *Director of Land Records, Punjab.*

SUPPLEMENTARY TABLE OF RAINFALL RECORDED AT CHHANI CANAL STATION IN THE BIKANER STATE OF THE PUNJAB FOR THE MONTH OF JANUARY 1918.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
BIKANER STATE.	Channi C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

1	2	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
District.	Station.	21st.	22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st January 1918.	Average rainfall from 1st October up to 31st January.
BIKANER STATE.	Channi C ...	...	...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·32	Nil	5·10	0·81

MAHBUB SHAH, SUPDT.,
Office of Director of Land Records, Punjab.

Vital Statistics of the districts (excluding towns with population

Division.	No.	Districts, excluding towns.	Population under registration according to census of 1911. Males.	Females.	Total.	Births registered. Number registered (excluding still-births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Deaths. Cholera. Number registered.	Ratio per 1,000 per annum.	Small-pox. Number registered.	Ratio per 1,000 per annum.	Plague. Number registered.	Ratio per 1,000 per annum.	Fevers. Number registered.	Ratio per 1,000 per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
AMBALA.	1	Hissar	422,200	351,580	773,780	2,848	43·64	6	...	...	...	...	86	1·31	1,407	21·41
	2	Rohtak	385,401	329,433	714,834	3,169	52·21	33	...	...	31	0·51	46	0·78	981	16·16
	3	Gurgaon	376,330	328,057	704,387	2,731	45·65	13	...	...	1	0·02	3	0·05	2,696	44·96
	4	Karnál	412,911	339,516	752,427	3,143	49·19	41	...	...	6	0·09	23	0·36	1,054	16·80
	5	Ambála	343,881	264,179	608,060	2,148	41·59	64	...	...	1	0·02	191	3·70	793	15·25
	6	Simla	22,015	12,955	34,970	64	21·51	1	...	...	...	...	...	...	19	6·36
		Total of Division for month.	1,962,747	1,625,720	3,588,467	14,123	46·34	158	...	...	39	0·13	349	1·15	6,950	23·30
		Total of corresponding month of previous year.				15,189	49·84	164	...	...	14	0·05	65	0·21	4,544	14·91
JULLUNDUR.	7	Kángra	398,431	368,265	766,696	2,119	32·53	7	...	...	...	...	6	0·09	726	11·15
	8	Hoshiárpur ...	501,510	417,059	918,509	2,880	37·02	1	...	...	1	0·01	79	1·01	1,164	14·95
	9	Jullundur	410,060	322,542	732,602	2,823	45·37	7	...	...	3	0·05	1,041	16·73	935	15·03
	10	Ludhiána	268,766	205,274	474,040	2,061	51·18	9	...	...	...	...	876	21·75	479	11·99
	11	Ferozepore ...	506,938	401,883	908,821	3,507	45·43	15	...	...	8	0·10	1	0·01	1,628	21·09
		Total of Division for month.	2,085,675	1,715,043	3,800,718	13,399	41·51	39	...	...	12	0·04	2,003	6·21	4,932	15·28
		Total of corresponding month of previous year.				15,359	47·58	15	1	0·003	12	0·04	24	0·07	4,680	14·50
LAHORE.	12	Lahore	438,216	344,472	782,688	3,213	48·34	71	...	...	2	0·03	1,458	21·94	1,800	27·05
	13	Amritsar	407,705	320,267	727,972	2,934	47·46	13	...	...	5	0·08	102	1·65	1,494	24·17
	14	Gurdáspur ...	451,935	354,196	806,131	3,209	46·88	3	...	...	1	0·01	314	4·59	1,119	16·34
	15	Siálkot	504,104	410,580	914,684	3,865	49·75	51	...	...	...	...	...	...	1,429	18·19
	16	Gujránwála ...	502,651	392,131	894,782	3,403	44·79	69	...	...	...	...	361	4·75	3,516	46·27
		Total of Division for month.	2,304,611	1,821,646	4,126,257	16,624	47·44	207	...	...	8	0·02	2,235	6·38	9,358	26·79
		Total of corresponding month of previous year.				18,550	52·93	197	...	...	9	0·03	41	0·12	7,483	21·35
RAWALPINDI.	17	Gujrát	400,596	345,038	745,634	3,044	48·06	62	...	...	...	...	24	0·38	1,623	25·03
	18	Shahpur	376,888	310,480	687,368	2,183	37·40	39	...	...	...	...	...	...	2,302	39·44
	19	Jhelum	262,228	241,967	504,195	1,648	38·49	17	...	...	...	...	60	1·40	1,041	24·32
	20	Ráwalpindi ...	238,776	222,224	461,000	1,631	41·40	33	...	...	...	...	246	6·28	741	18·93
	21	Attock	270,397	244,901	515,298	1,790	40·89	32	...	...	...	...	5	0·11	1,258	28·74
	22	Miánwáli	179,897	161,480	341,377	1,267	43·71	36	...	...	...	...	...	...	1,185	40·88
		Total of Division for month.	1,728,775	1,526,083	3,254,858	11,563	41·83	219	...	...	...	...	335	1·21	8,150	29·48
		Total of corresponding month of previous year.				11,544	41·76	188	...	...	...	...	23	0·08	6,058	21·92
MULTAN.	23	Montgomery ...	276,119	227,996	504,115	1,887	44·08	67	...	...	2	0·05	62	1·45	2,618	61·85
	24	Lyallpur	503,644	385,251	888,895	3,581	47·44	47	...	...	1	0·01	1	0·01	1,595	21·13
	25	Jhang	263,916	225,696	489,612	1,702	40·94	59	...	...	...	...	...	...	1,725	41·60
	26	Multán	388,423	327,200	715,623	2,069	34·03	104	...	...	...	...	...	...	3,882	62·46
	27	Muzaffargarh ...	308,350	261,111	569,461	1,893	32·94	86	...	...	...	...	1	0·02	2,917	60·33
	28	Dera Gházi Khan ...	272,409	227,451	499,860	1,101	25·94	54	...	...	...	...	...	...	2,313	54·59
		Total of Division for month.	2,012,861	1,654,710	3,667,571	11,933	38·31	417	...	...	3	0·01	64	0·21	15,080	48·41
		Total of corresponding month of previous year.				13,812	44·34	396	...	...	10	0·05	...	...	7,629	24·89
		Total of month for Province.	10,094,669	8,343,202	18,437,871	67,642	43·13	1,040	...	...	62	0·04	4,986	3·18	44,470	28·40
		Total of corresponding month of previous year.				74,454	47·55	960	1	0·001	51	0·03	153	0·10	30,394	19·41
		Increase or decrease ...	...	...	...	−6,812	−4·42	+80	−1	−0·001	+11	+0·01	+4,833	+3·08	+14,076	+8·99

Weather was abnormally dry.

During the month under review there were decreases of 4·42 and 4·03 *per mille* of population recorded in the birth-rate as compared with the figures for the ... Division in the case of the former and 8·40 in the Ambála Division in the latter.

There was an increase of 11·93 *per mille* of population in the death-rate for the month under report as compared with the rate for the corresponding month of the previous ... figures.

As compared with the mortality of the previous month there was a decrease of 17·38 *per mille* of population which was noticed in all the divisions of the Province and

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 19th March 1918.

of 20,000 or upwards) in the Punjab for the month of January 1918.

REGISTERED.

Dysentery and diarrhœa: Number registered.	Dysentery and diarrhœa: Ratio per 1,000 per annum.	Respiratory diseases: Number registered.	Respiratory diseases: Ratio per 1,000 per annum.	Injuries, including suicide: Number registered.	Injuries, including suicide: Ratio per 1,000 per annum.	Other causes: Number registered.	Other causes: Ratio per 1,000 per annum.	Total of all causes: Number: Males.	Total of all causes: Number: Females.	Total of all causes: Number: Total.	Total of all causes: Ratio per 1,000 per annum.	Total of corresponding month of previous year: Number: Males.	Total of corresponding month of previous year: Number: Females.	Total of corresponding month of previous year: Number: Total.	Total of corresponding month of previous year: Ratio per 1,000 per annum.	No.	Districts excluding towns.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
42	0·64	136	2·07	9	0·14	302	4·60	1,050	932	1,982	30·16	717	690	1,407	21·41	1	Hissar.
23	0·38	122	2·01	12	0·20	439	7·23	834	820	1,654	27·25	713	619	1,332	21·94	2	Rohtak.
87	1·45	253	4·23	15	0·25	757	12·65	2,068	1,744	3,812	63·71	759	596	1,355	22·65	3	Gurgaon.
19	0·30	125	1·96	5	0·08	400	6·26	842	790	1,632	25·54	1,062	838	1,900	29·74	4	Karnál.
27	0·52	306	5·92	10	0·19	276	5·34	869	735	1,604	31·06	893	788	1,681	32·55	5	Ambála.
5	1·08	17	5·71	...	...	16	5·38	36	21	57	19·15	33	22	55	18·48	6	Simla.
203	0·67	959	3·15	51	0·17	2,190	7·19	5,699	5,042	10,741	35·24	...	...	...	...		
133	0·44	861	2·83	75	0·25	2,038	6·69	...	...	...	...	4,177	3,553	7,730	25·36		
33	0·58	234	3·59	12	0·18	495	7·60	761	750	1,511	23·20	984	909	1,893	29·06	7	Kángra.
1	0·01	210	2·69	9	0·12	305	3·91	901	868	1,769	22·67	1,014	809	1,823	23·36	8	Hoshiárpur.
13	0·21	151	2·43	17	0·27	321	5·16	1,223	1,258	2,481	39·88	692	689	1,381	22·20	9	Jullundur.
6	0·15	123	3·05	8	0·20	420	10·43	970	942	1,912	47·48	574	511	1,085	26·94	10	Ludhiána.
29	0·38	170	2·20	10	0·13	542	7·03	1,232	1,156	2,388	30·94	1,039	810	1,849	23·95	11	Ferozepore.
87	0·27	888	2·75	56	0·17	2,083	6·45	5,087	4,974	10,061	31·17	...	...	...	...		
89	0·28	996	3·09	55	0·17	2,174	6·74	...	...	...	...	4,303	3,728	8,031	24·88		
24	0·38	123	1·85	11	0·17	497	7·48	2,121	1,794	3,915	58·90	902	770	1,672	25·16	12	Lahore.
55	0·89	150	2·43	9	0·15	304	4·91	1,116	1,003	2,119	34·28	940	763	1,703	27·55	13	Amritsar.
65	0·95	825	12·04	4	0·05	44	0·64	1,274	1,098	2,372	34·64	989	896	1,885	27·53	14	Gurdáspur.
30	0·39	369	4·75	16	0·21	426	5·48	1,212	1,058	2,270	29·22	1,313	1,038	2,351	30·26	15	Siálkot.
17	0·22	69	0·88	23	0·30	364	4·79	2,431	1,919	4,350	57·25	1,931	1,491	3,422	45·04	16	Gujránwála.
191	0·55	1,536	4·39	63	0·18	1,635	4·67	8,154	6,872	15,026	42·88	...	...	...	...		
162	0·46	1,468	4·19	81	0·23	1,789	5·10	...	...	...	...	6,075	4,958	11,033	31·48		
24	0·38	167	2·64	10	0·16	290	4·72	1,124	1,023	2,147	33·90	931	842	1,773	27·99	17	Gujrát.
24	0·41	106	1·82	12	0·21	279	4·78	1,521	1,202	2,723	46·66	809	674	1,483	25·41	18	Shahpur.
22	0·51	107	2·50	8	0·19	200	4·67	763	675	1,438	33·59	687	523	1,210	28·26	19	Jhelum.
175	4·47	136	3·47	9	0·23	126	3·22	719	714	1,433	36·60	790	649	1,439	36·75	20	Ráwalpindi.
2	0·05	88	2·01	12	0·27	275	6·28	888	752	1,640	37·46	791	616	1,407	32·14	21	Attock.
24	0·83	21	0·72	4	0·13	118	4·07	778	574	1,352	46·64	645	553	1,198	41·08	22	Miánwáli.
271	0·98	625	2·26	55	0·20	1,297	4·69	5,793	4,940	10,733	38·83	...	...	...	...		
208	0·75	765	2·77	75	0·27	1,391	5·03	...	...	...	...	4,663	3,857	8,520	30·83		
6	0·14	32	0·75	12	0·28	207	4·83	1,516	1,453	2,969	69·35	604	483	1,087	25·39	23	Montgomery
35	0·46	107	1·42	31	0·41	408	5·41	1,137	1,041	2,178	28·85	773	709	1,482	19·63	24	Lyallpur.
33	0·79	...	...	7	0·17	455	10·95	1,110	1,110	2,220	53·40	627	548	1,175	28·26	25	Jhang.
5	0·08	...	...	6	0·10	309	5·08	2,289	1,914	4,203	69·14	1,176	1,064	2,240	36·85	26	Multán.
18	0·37	14	0·29	7	0·14	110	2·27	1,716	1,350	3,066	63·40	1,159	955	2,114	43·71	27	Muzaffargarh
59	1·39	49	1·15	5	0·12	129	3·04	1,433	1,122	2,555	60·20	926	746	1,672	39·40	28	Dera Gházi Khan.
156	0·50	202	0·65	68	0·22	1,618	5·19	9,201	7,990	17,191	55·19	...	...	...	...		
97	0·31	216	0·65	58	0·19	1,754	5·63	...	...	...	...	5,265	4,505	9,770	31·37		
908	0·58	4,210	2·69	293	0·19	8,823	5·63	33,934	29,818	63,752	40·71	...	...	...	...		
689	0·44	4,306	2·75	344	0·22	9,146	5·84	24,483	20,601	45,084	28·79	...	...	...	...		
+219	+0·14	—96	—0·06	—51	—0·03	—323	—0·21	+9,451	+9,217	+18,668	+11·92	...	...	...	...		

MARKS.

...corresponding month of the previous year and the previous month, respectively. The decrease was general throughout the Province though most marked 6·07 in the Jullundur ...year. It was shared by all the divisions in the Province and was due chiefly to fevers and plague. The excess in the Multán Division amounted to 23·83 and was due entirely ...was due principally to the diminution in the mortality from fevers.

W. H. MILLS, Supdt.,

for Sanitary Commissioner, Punjab.

2045 PGG

Vital Statistics of the towns (with population of 20,000

District.	No.	Towns.	Population under registration according to census of 1911. Males.	Females.	Total.	Births registered. Number registered (excluding still births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Deaths. Cholera. Number registered.	Ratio per 1,000 per annum.	Small-pox. Number registered.	Ratio per 1,000 per annum.	Plague. Number registered.	Ratio per 1,000 per annum.	Fevers. Number registered.	Ratio per 1,000 per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Hissar ...	1	Bhiwáni ...	16,249	14,851	31,100	118	44·78	3	...	...	...	...	...	...	25	[illegible]
Gurgaon ...	2	Rewári ...	12,885	11,895	24,780	84	39·85	...	...	...	...	...	...	...	...	...
Karnál ...	3	Karnál ...	11,233	9,785	21,018	91	50·61	...	...	...	...	...	...	...	31	[illegible]
	4	Pánipat ...	13,554	12,788	26,342	130	58·24	...	...	...	43	19·27	...	...	31	[illegible]
Ambála ...	5	Ambála ...	13,589	10,904	24,493	121	58·26	2	...	...	...	...	17	8·18	23	[illegible]
Jullundur ...	6	Jullundur ...	30,539	24,815	55,354	227	48·17	...	...	...	...	...	7	1·49	40	[illegible]
Ludhiána ...	7	Ludhiána ...	24,765	18,387	43,152	149	40·73	3	...	...	...	...	32	8·75	77	[illegible]
Ferozepore ...	8	Ferozepore ...	13,930	10,748	24,678	84	39·85	5	...	...	...	...	...	...	25	[illegible]
Lahore ...	9	Lahore ...	129,513	80,758	210,271	680	38·08	29	...	...	...	...	104	5·83	478	[illegible]
	10	Kasúr ...	13,769	11,014	24,783	106	50·28	1	...	...	...	...	2	0·95	40	[illegible]
Amritsar ...	11	Amritsar ...	87,828	63,511	151,339	533	41·43	43	...	...	1	0·08	11	0·86	256	[illegible]
Gurdáspur ...	12	Batála ...	14,180	12,250	26,430	106	47·49	2	...	...	1	0·45	73	32·71	43	[illegible]
Siálkot ...	13	Siálkot ...	26,651	21,944	48,595	242	58·70	2	...	...	...	...	...	...	43	[illegible]
Gujránwála ...	14	Gujránwála ...	15,600	13,037	28,637	106	43·84	3	...	...	...	...	1	0·41	71	[illegible]
Ráwalpindi ...	15	Ráwalpindi ...	28,948	17,894	46,842	165	41·58	12	...	...	...	...	5	1·26	36	[illegible]
Jhang ...	16	Jhang-Maghiána	13,212	12,702	25,914	125	56·79	2	...	...	...	...	...	...	36	[illegible]
Multán ...	17	Multán ...	46,987	38,760	85,747	387	53·12	7	...	...	...	...	16	2·20	184	[illegible]
Total of month ...			513,432	385,843	899,275	3,454	45·2	114	...	...	45	0·59	268	3·51	1,430	[illegible]
Total of corresponding month of previous year.						13 8	50·15	140	...	...	1	0·01	13	0·17	917	[illegible]
Increase or decrease ...			...	...	...	−377	− 4·93	− 26	...	...	+ 44	+ 0·58	+ 255	+ 3·34	+ 522	[illegible]

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 19th March 1918.

or upwards) of the Punjab for the month of January 1918.

REGISTERED.																	
DYSENTERY AND DIARRHŒA.		RESPIRATORY DISEASES.		INJURIES, INCLUDING SUICIDE.		OTHER CAUSES.		TOTAL ALL CAUSES.				TOTAL OF CORRESPONDING MONTH OF PREVIOUS YEAR.					
								Number.				*Number.*					
Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	No.	TOWNS.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
4	1·52	20	7·59	...	...	37	14·04	45	41	86	32·64	27	21	48	18·21	1	Bhiwáni.
9	4·27	27	12·81	...	...	38	18·03	40	34	74	35·10	16	11	27	12·81	2	Rewári.
9	5·01	20	11·12	...	...	8	4·45	26	42	68	37·82	28	32	60	33·37	3	Karnál.
...	...	14	6·27	...	...	25	11·20	64	49	113	50·63	43	35	7	34·95	4	Pánipat.
6	2·89	38	18·30	...	...	19	9·15	51	52	103	49·59	38	32	70	33·70	5	Ambála.
12	2·55	51	10·82	5	1·06	16	3·40	68	63	131	27·80	64	52	116	24·62	6	Jullundur.
9	2·46	24	6·56	1	0·27	20	5·47	86	77	163	44·56	41	48	89	24·33	7	Ludhiána.
7	3·32	15	7·12	...	...	18	8·54	35	30	65	30·83	15	26	41	19·45	8	Ferozepore.
23	1·29	165	9·24	15	0·84	135	7·56	527	393	920	51·52	332	274	606	33·94	9	Lahore.
4	1·90	9	4·27	4	1·90	14	6·67	39	34	73	34·63	30	34	64	30·36	10	Kasúr.
34	2·64	224	17·41	6	0·47	67	5·21	316	283	599	46·56	187	197	384	29·85	11	Amritsar.
8	3·58	18	8·06	1	0·45	4	1·79	81	67	148	66·31	21	29	50	22·40	12	Batála.
2	0·49	42	10·19	3	0·73	22	5·34	58	54	112	27·16	66	65	131	31·77	13	Siálkot.
...	...	18	7·44	1	0·41	16	6·62	58	49	107	44·25	49	43	92	38·05	14	Gujránwála.
6	1·51	44	11·09	3	0·76	33	8·32	62	65	127	32·00	81	68	149	37·55	15	Ráwalpindi.
5	2·27	...	...	2	0·91	69	31·35	59	53	112	50·89	30	29	59	26·81	16	Jhang-Maghiána.
29	3·84	40	5·49	...	...	134	18·39	225	177	402	55·18	149	117	266	36·51	17	Multán.
166	2·17	769	10·07	41	0·54	675	8·84	1,840	1,563	3,403	44·55	...	...	...	...		
115	1·51	620	8·12	29	0·38	635	8·31	1,217	1,113	2,330	30·50	...	...	...	...		
+ 51	+ 0·66	+ 149	+ 1·95	+ 12	+ 0·16	+ 40	+ 0·53	+ 623	+ 450	+ 1,073	+ 14·05	...	...	...	...		

W. H. MILLS, SUPDT.,

for Sanitary Commissioner, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 9th March 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar	Hissar	17,162	7	4	11	11	6	5	..	...	2	2	1	3	...	3	2	1	3	33	33	1
2		Hánsi	14,576	7	8	15	10	7	3	..	...	1	1	..	3	...	5	1	...	1	54	36	2
3		Bhiwáni	31,100	12	13	25	48	20	28	...	2	21	8	2	3	...	12	4	2	6	42	81	3
4		Sirsa	14,629	6	3	9	9	7	2	..	..	...	4	1	2	...	2	...	1	1	3[illegible]	32	4
5	Rohtak	Rohtak	19,862	4	9	13	13	6	7	...	...	...	8	1	2	..	2	1	2	3	34	34	5
6		Jhajjar	10,617	6	6	12	5	4	1	...	2	1	1	...	...	...	1	..	...	...	59	25	6
7		Sonepat	12,014	4	6	10	4	2	2	...	...	...	2	...	1	...	1	1	...	1	43	17	7
8	Gurgaon	Rewári	24,780	5	9	14	20	10	10	...	...	6	...	...	5	1	8	1	3	4	29	42	8
9	Karnál	Karnál	21,018	7	10	17	10	2	8	..	..	...	5	...	3	..	2	1	...	1	42	25	9
10		Kaithal	12,912	2	5	7	3	2	1	...	..	...	...	...	1	...	2	...	1	1	29	12	10
11		Pánipat	26,342	13	10	23	18	8	10	...	2	...	11	1	2	...	2	4	2	6	46	36	11
12		Shahabad	11,054	5	3	8	13	8	5	...	3	3	...	...	3	...	4	1	1	2	38	62	12
13	Ambála	Ambála	24,493	11	9	20	25	14	11		...	4	4	5	9	...	3	2	1	3	43	53	13
14		Jagádhri	12,045	9	10	19	13	6	7	...	...	4	4	...	2	...	3	...	...	..	82	56	14
15	Hoshiárpur	Hoshiárpur	16,980	5	5	10	9	4	5	..	...	1	4	...	3	...	1	1	...	1	30	27	15
16	Jullundur	Jullundur	55,354	20	18	38	25	14	11	...	...	7	6	...	6	...	6	3	3	6	36	24	16
17	Ludhiána	Ludhiána	43,152	23	19	42	92	41	51	...	...	50	26	2	8	...	6	3	4	7	51	111	17
18		Jagráon	15,039	7	1	8	39	21	18	...	...	27	7	...	...		5	4	...	4	23	136	18
19	Ferozepore	Ferozepore	24,678	4	5	9	4	1	3	...	...	...	2	...	2	...	...	...	...	...	19	8	19
20		Fázilka	10,985	2	9	11	7	1	6	...	...	1	3	...	2	...	1	...	2	2	52	33	20
21	Lahore	Lahore	210,271	68	51	119	135	88	47	...	...	14	69	2	31	2	17	21	5	26	30	33	21
22		Kasúr	24,783	8	11	19	36	14	22	...	..	14	13	1	3	1	4	1	3	4	40	76	22
23	Amritsar	Amritsar	151,339	52	47	99	127	68	59	...	...	8	60	1	43	1	14	2	6	8	34	44	23
24	Gurdáspur	Batála	26,430	13	9	22	12	8	4	...	...	3	5	...	4	..	...	1	...	1	44	24	24
25	Siálkot	Siálkot	48,595	23	22	45	13	7	6	..	...	...	2	...	4	...	7	2	1	3	48	14	25
26	Gujránwála	Gujránwála	28,637	13	16	29	18	8	10	...	...	..	12	...	2	...	4	3	4	7	53	33	26
27		Wazírabad	17,146	3	5	8	10	6	4	...	...	...	8	...	...	...	2	2	...	2	24	30	27
28	Gujrát	Gujrát	18,692	7	8	15	7	4	3	...	...	...	1	...	4	..	2	2	1	3	42	20	28
29		Jalálpur	11,615	7	[illegible]	14	3	1	2	...	...	...	1	...	1	...	1	...	1	1	63	13	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	3	4	7	13	9	4	...	...	...	8	...	2	...	3	2	...	2	24	44	30
31		Khusháb ...	10,159	2	...	2	8	3	5	...	...	...	3	...	4	...	1	...	1	1	10	41	31
32	Jhelum ...	Jhelum ...	12,298	3	3	6	4	2	2	...	...	1	2	1	...	...	..	...	...	...	25	17	32
33		Pind Dádan Khan	10,590	6	3	9	13	8	5	...	...	3	5	2	1	...	2	1	1	2	44	64	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	18	12	30	18	8	10	...	...	...	5	...	8	1	4	1	1	2	33	20	34
35	Lyallpur ...	Lyallpur ...	19,578	5	5	10	6	2	4	...	...	...	3	1	...	...	2	...	2	2	26	16	35
36	Jhang ...	Jhang-Maghiána	25,914	12	5	17	17	9	8	...	...	...	6	1	2	...	8	3	5	8	34	34	36
37		Chiniot ...	14,085	12	11	23	6	2	4	...	...	...	...	...	...	..	6	...	1	1	84	22	37
38	Multán ...	Multán ...	85,747	20	33	53	158	97	61	...	...	62	36	2	16	...	42	8	5	13	32	96	38
	Grand Total ...		1,196,515	434	414	848	982	528	454	...	9	233	337	24	185	6	188	78	60	138	37	43	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	...	...	...	3	1	2	...	...	...	2	...	...	...	1	...	1	1	...	8	
	Dharmsala	... ...	2,518	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41	...	
	Dalhousie ..	... ...	938	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	...	2	2	1	1	...	...	...	...	...	...	1	...	...	...	...	...	71	36	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 9th March 1918 there were 848 births registered in the 38 large municipal towns (434 males and 414 females), giving a birth rate of 37 *per mille* of population, and 982 deaths were registered (528 males and 454 females), giving a death rate of 43 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 33 against 31 in the corresponding week of the previous year, Amritsar 44 against 25 and Multán 96 against 28.

There were 3 deaths registered from small-pox in Shahabad and 2 each in Bhiwáni, Jhajjar and Pánipat. Of the 233 deaths from plague, 62 were reported in Multán, 50 in Ludhiána, 27 in Jagraon, 21 in Bhiwáni, 14 each in Lahore and Kasúr, 8 in Amritsar, 7 in Jullundur, 6 in Rewári, 4 each in Ambála and Jagádhri, 3 each in Shahabad, Batála and Pind Dádan Khan, 2 in Hissar and 1 each in Hánsi, Jhajjar, Hoshiárpur, Fázilka and Jhelum.

Sanitary Commissioner's Office,
Lahore :
The 20th March 1918.

W. H. MILLS, Supdt.,
for Sanitary Commissioner, Punjab.

2,645 PGG—640—22-3-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 13.] LAHORE, FRIDAY, MARCH 29, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 26th March 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
1	Hissar ...	0·19 at Sadr ... 0·24 at Sirsa. 0·29 at Fatehabad. 0·47 at Hánsi. 0·70 at Bhiwáni. 1·33 at Budhláda. 0·36 at Tohána.	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 8½ ... Bajra, 11. Gram, 12½. Bejhar, 13. Prices between normal and warning rates.	Strong wind accompanied by rain damaged the standing crops slightly. Sarshaf being reaped. Yield poor owing to damage by *tela*. Standing crops average.	...
2	Rohtak ...	0·60 at Sadr ... 0·78 at Gohána. 0·85 at Sámpla. 0·71 at Jhajjar. 0·36 at Salhawas. 0·62 at Beri. 0·53 Sonepat.	1. Sufficient except in parts of Gohána Tahsil. 2. (a) Adequate. 3. Generally good.	Wheat, 8¼ ... Gram, 12. Rarley 12. Jowar, 13. Bajra, 10. Prices between normal and warning rates.	Standing irrigated wheat and other crops generally good and unirrigated average. Rapeseed, gram and barley being reaped. Yield average to good. Sowings of extra spring crops continue and are below normal.	Sowings of sugarcane continue and are below normal.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
3	Gurgaon ...		Report not received.			
4	Ambála ...	0·29 at Sadr ... 0·58 at Jagádhri. 0·32 at Naráingarh. 0·59 at Kharar. 1·53 at Rúpar. 1·79 at Kasauli.	1. Scarce ... 2. (a) Sufficient. (b) Adequate. 3. Good.	Wheat, $8\frac{7}{8}$ ... Gram, $12\frac{1}{4}$. Barley, 12. Maize, $12\frac{1}{4}$. Bajra, 10. Prices generally between normal and warning rates.	Rain was useful but more is needed for extra spring crops. Standing irrigated crops fair and unirrigated below average. Crops slightly damaged by hailstorm. Gram being reaped. Yield normal.	Sowings of sugarcane continue and are below normal.
5	Jullundur ...	3·09 at Sadr ... 1·73 at Nakodar. 1·37 at Phillaur. 1·61 at Nawashahr.	1. Inadequate ... 2. (a) Sufficient. 3. Generally good.	Wheat, 8 .. Barley, $11\frac{1}{2}$ Gram, 9. Maize, 11. Bajra, 10. Prices between warning and scarcity rates or at above scarcity rates.	Rain was generally beneficial for standing crops and sowings of extra spring crops, cotton and sugarcane. Standing irrigated crops good and unirrigated poor to fair. Hailstorm damaged the crops slightly. Sowings of extra spring crops continue and are normal.	...
6	Ferozepore ...	2·03 at Sadr ... 0·97 at Moga. 0·97 at Zíra. 0·12 at Muktsar. 0·80 at Fázilka.	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, $8\frac{3}{4}$ ... Gram, 11. Prices between normal and scarcity rates.	Rain was beneficial to standing crops which are good on irrigated area and average on unirrigated area. Sowings of extra spring crops continue and are normal. Reaping of rapeseed finished. Expected yield below normal.	...
7	Lahore ...	1·50 at Sadr ... 1·24 at Chúnián. 1·31 at Kasúr.	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, $7\frac{3}{4}$ .. Gram, 10. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Tobacco being sown to a large extent. Rapeseed and taramira being reaped. Yield below normal.	...
8	Amritsar ...	1·73 at Sadr ... 2·61 at Tarn Táran. 2·05 at Ajnála.	1. Insufficient ... 2. (b) Sufficient. 3. Generally good.	Wheat, $8\frac{7}{8}$ ... Barley, 12. Gram, $10\frac{1}{4}$. Maize, $9\frac{1}{2}$. Jowar, 10. Bajra, 9. Prices between warning and scarcity rates.	Standing crops average ...	Sowings of sugarcane continue and are below normal.
9	Siálkot ...	2·97 at Sadr .. 2·30 at Zafarwál. 2·13 at Pasrúr. 1·84 at Raya. 2·27 at Daska.	1. Dry fodder scarce; green procurable. 2. (a) Sufficient. (b) Canal closed. 3. Good.	Wheat, $7\frac{1}{2}$ to $8\frac{1}{2}$ ... Barley, 12 to $12\frac{1}{2}$. Maize, 10. Gram, $8\frac{1}{2}$ to 9. Prices between warning and scarcity rates.	Standing crops good. Sowings of extra spring crops continue and are normal.	Sowings of sugarcane in progress and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
10	Shahpur ...	1·24 at Sadr ... 1·50 at Bhalwal. 1·60 at Shahpur. 0·83 at Khusháb.	1. Sufficient ... 2. (b) Lower Jhelum Canal closed. 3. Good.	Wheat, 8 to 10¼ ... Gram, 10¾ to 11½. Maize, 8 to 11. Bajra, 11 to 12. Prices between normal and scarcity rates.	Condition of wheat and barley is average. Unirrigated gram is above average in Khusháb Tahsil. Sowings of extra spring crops in progress and are normal. Germination fair.	...
11	Ráwalpindi ...	3·13 at Sadr ... 3·29 at Gujar Khan. 3·90 at Kahúta. 6·20 at Murree.	1. Sufficient ... 3. Good.	Wheat, 6¼ ... Barley, 11¼ Gram, 8½. Bajra, 10¼ Maize, 10¾. Jowar, 7½. Prices between warning and scarcity rates or at above scarcity rates.	Rain was sufficient and useful. Standing irrigated crops good and unirrigated average.	...
12	Miánwáli ...	0·83 at Sadr ... 0·78 at Isa Khel. 0·52 at Bhakkar.	1. Procurable ... 2. (a) Do. (b) Nammal Canal flowing; supply sufficient. 3. Fair.	Wheat, 8¼ ... Gram, 11. Jowar, 9. Bajra, 13. Prices between normal and scarcity rates.	Rain was sufficient and useful. Standing irrigated crops good and unirrigated average.	...
13	Lyallpur ...	0·61 at Sadr ... 0·82 at Toba Tek Singh. 0·81 at Jaránwála. 0·30 at Samundri.	1. Sufficient ... 2. (b) Satisfactory. 3. Generally good.	Wheat, 9¼ ... Gram, 10. Prices between normal and scarcity rates.	Standing crops good. Sowings of extra spring crops continue and are normal.	...
14	Multán ...	0·25 at Sadr ... 0·22 at Shujabad. 0·42 at Lodhrán. 0·24 at Mailsi. 0·31 at Kabírwála.	1. Available, but decreasing. 2. (b) Sidhnai Canal flowing; supply inadequate. 3. Fair.	Wheat, 8¾ ... Gram, 8½. Bajra, 9½. Prices between normal and scarcity rates or at above scarcity rates.	Rain was useful. Sowings of extra spring crops continue in Shujabad, Lodhrán and Kabírwála Tahsils. Standing crops generally good in Multán and Kabírwála Tahsils. Elsewhere they are average on irrigated and below average on unirrigated area.	Sugarcane being sown.

GENERAL REMARKS

LIGHT to moderate rain was general and was useful. The fall was fairly heavy in the central and sub-montane tracts. Rain was yet in time for unirrigated crops which have greatly improved; Condition of wheat and other crops is average to good on irrigated area, and below average to average on unirrigated area. Sowings of extra spring crops and sugarcane continue and are below normal to normal. Rapeseed being reaped in some districts. Expected yield ¾ below normal ¾ to normal. Cattle are healthy, but fodder is scarce in some districts. Prices are generally stationary and range between warning and scarcity rates, except in the south-east, where they are between normal and warning rates. Prices of wheat:—Ráwalpindi 6¼, Lahore 7¾, Ferozepore 8¾, Ambála 8¼ and Lyallpur 9¼ seers per rupee.

B. D. SINGH,

for *Director of Land Records, Punjab.*

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB AND THE NORTH-WEST FRONTIER PROVINCE DURING JANUARY 1918.

Station.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 hrs. reduced to 32°, to constant gravity at 45° Lat. and to sea level.	Departure from normal.	Mean direction and velocity in miles per hour, January 1918.	Normal direction and velocity in miles per hour, January.	8 hrs.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Mean monthly departure from normal.	Humidity at 8 hrs.	Vapour tension at 8 hrs.	Amount of cloud, 10 = overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	"	"			°	°	°	°	°	°	%	"	
Hissar ...	30·132	+ ·045	S. 62° W. 3 ...	N. 36° W. 3 ..	41·9	70·5	+0·4	40·0	—2·7	−1·1	76	·230	1
Ambála ...	30·103	+ ·032	N. 16° W. 3 ...	N. 48° W. 1 ...	45·4	69·1	+1·1	40·8	—2·3	−0·6	82	·249	2
Simla ...	*23·092	+ ·035	...	...	38·5	45·9	+0·2	35·8	+0·7	+0·5	(c) 52	(c) ·121	2
Ludhiána ...	30·114	+ ·039	N. 29° W. 1...	N. 59° W. 1 ...	44·4	67·2	+0·8	42·3	—1·9	−0·5	79	·234	1
Montgomery ...	30·123	+ ·019	N. 71° W. 2...	N. 18° E. 3 ...	46·6	69·8	+1·4	40·9	—0·4	+0·5	69	·220	1
Lahore ...	30·120	+ ·038	N. 45° W. 1...	N. 88° W. 1 ..	40·9	68·3	−0·1	38·9	—2·2	−1·1	87	·223	1
Siálkot ...	30·128	+ ·041	N. 31° E. 1 ...	N. 49° E. 1 ...	43·6	65·5	−0·3	38·4	—4·6	−2·5	91	·259	1
Khushab ...	(a) 30·138	(a) + ·042	(a) S. 32° E. 1	N. 18° E. 2 ...	(a) 43·8	(b) 69·0	+1·5	(b) 38·4	—2·9	−0·7	(a) 62	(a) ·191	(a) 1
Lyallpur ...	30·120	...	S. 57° W. 2...	...	42·3	68·4	...	37·1	...	...	80	·215	1
Ráwalpindi ...	30·180	+ ·040	S. 55° W. 2 ...	N. 40° W. 1...	39·9	64·0	+1·6	34·0	—4·0	−1·2	83	·204	2
Murree ...	*23·817	— ·003	N. 84° E. 4 ...	S. 62° E. 7 ..	39·1	46·4	0	36·1	+1·7	+0·9	(d) 48	(d) ·118	2
Multán ...	30·124	+ ·035	N. 15° E. 0 ...	N. 45° E. 1 ...	47·0	70·8	+1·1	43·4	+0·1	+0·6	69	·223	1
D. I. Khan ...	30·163	+ ·040	N. 18° W. 1 ...	N. 37° W. 1 ...	42·7	69·9	+1·3	38·2	—2·2	−0·5	65	·179	1
Peshawar ...	30·187	+ ·025	S. 1 ...	S. 18° W. 2...	38·9	64·6	+1·6	34·8	—4·8	−1·6	(b) 70	(b) ·176	2
Párachinár ...	*24·510	+ ·043	Calm 1 ...	...	33·1	53·5	+3·8	27·8	—0·9	+ ·5	(g) 67	(g) ·151	1
Cherát ...	*25·786	+ ·050	N. 12° W. 10...	N. 12° W. 10...	42·7	50·4	+1·0	37·1	—1·5	−0·3	(e) 43	(f) ·107	1
Drosh ...	(i) *25·288	...	N. 66° E. 2 ...	...	33·3	44·3	−4·5	31·1	+0·5	−2·0	(i) 73	(i) ·155	3

* Not reduced to sea level.
(a) Mean of 30 days.
(b) " " 26 "
(c) " " 11 "
(d) " " 18 "
(e) " " 16 "
(f) " " 17 "
(g) " " 8 "
(h) — Aneroid.
(i) Mean of 10 days.

Owing to the absence of cold-weather storms weather was abnormally dry.

Pressure and Winds.—Atmospheric pressure exceeded the normal almost everywhere. Winds differed irregularly from their normal directions in the Punjab, and were much weaker than usual at Murree.

Temperature.—No hot or cool waves occurred, and the mean temperature for the month was sensibly normal everywhere. The lowest minimum temperature observed in the plains was 30°, recorded at Peshawar on the 25th and 26th and at Ráwalpindi on the 28th.

The following table shows for each day of the month the departure from the normal f the mean temperature of the Punjab and the North-West Frontier Province, with the west minimum temperature registered and the name of the station recording it :—

Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Lowest minimum temperature recorded during the previous 24 hours.	Station at which registered.	Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Lowest minimum temperature recorded during the previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1918.	°	°		1918.	°	°	
nuary 1st ...	−3·5	32·3	Lyallpur.	January 17th ...	+1·1	36·0	Ráwalpindi & Pesháwar
" 2nd ...	−4·1	30·9	Pesháwar.	" 18th ...	−3·0	35·2	Lyallpur.
" 3rd ...	−2·8	31·7	Ráwalpindi.	" 19th ...	−2·2	33·6	Ráwalpindi.
" 4th ...	−1·6	32·1	Do.	" 20th ...	−1·7	32·9	Do.
" 5th ...	−0·6	32·1	Do.	" 21st ...	−1·4	31·8	Do.
" 6th ...	+0·3	31·6	Do.	" 22nd ...	−1·7	31·9	Pesháwar.
" 7th ...	+1·0	32·8	Do.	" 23rd ...	−1·7	33·3	Do.
" 8th ...	+0·4	35·3	Pesháwar.	" 24th ...	−3·5	32·0	Do.
" 9th ...	+0·4	35·2	Do.	" 25th ...	−3·1	30·0	Do.
" 10th ...	+1·2	37·1	Do.	" 26th ...	−3·3	30·1	Do.
" 11th ...	+2·1	40·3	Ráwalpindi.	" 27th ...	−2·6	31·1	Do.
" 12th ...	+3·0	39·1	Do.	" 28th ...	−1·7	30·3	Ráwalpindi.
" 13th ...	+2·6	40·1	Ambála & Ráwalpindi.	" 29th	−0·4	30·9	Do.
" 14th ...	+1·2	37·0	Pesháwar.	" 30th ...	+0·6	31·3	Do.
" 15th ...	—0·2	33·1	Ráwalpindi.	" 31st ...	+0·7	32·8	Do.
" 16th ...	+0·2	33·0	Do.				

Humidity and Cloud.—The air was remarkably dry at Murree and Cherát, and mper than usual at Siálkot. The quantity of cloud was markedly in defect everywhere.

Rainfall.—Little or no rain fell at Montgomery, Lahore, Khusháb, Lyallpur, ultán, Dera Ismail Khan, Pesháwar and Cherát, and even at the other stations the corded amounts were largely below normal. The deficit amounted to 2·9″ at Murree, 2·6″ Cherát, 2·4″ at Ráwalpindi and 2·1″ at Párachinar, and varied between 1″ and 2″ at nbála, Simla, Ludhiána, Lahore, Siálkot and Pesháwar.

———

The following table gives the rainfall data for the Punjab and the North-West Fron- r Province stations for January 1918 :—

Station.	Actual rainfall in January 1918.	Normal rainfall in January.	Departure from normal in January 1918.	Station.	Actual rainfall in January. 1918.	Normal rainfall in January.	Departure from normal in January 1918.
1	2	3	4	1	2	3	4
Punjab.	"	"	"	*Punjab*—concluded.	"	"	"
ar	0·31	0·73	−0·42	Murree	1·10	3·99	−2·89
bála	0·25	1·62	−1·37	Multán	0·04	0·44	−0·40
la	0·95	2·79	−1·84				
hiána	0·19	1·82	−1·63	*North-West Frontier Province.*			
tgomery	0·06	0·60	−0·54				
re	0·09	1·09	−1·00	Dera Ismail Khan	0	0·52	−0·52
kot	0·36	2·21	−1·85	Pesháwar	0·08	1·58	−1·50
sháb	0	0·81	−0·81	Párachinár	0·11	2·26	−2·15
llpur	0·04	0·50	−0·46	Cherát	0·05	2·62	−2·57
alpindi	0·29	2·65	−2·36	Drosh	0·27	0·92	−0·65

SIMLA :
he 7th March 1918.

GILBERT T. WALKER,
Director-General of Observatories.

2714 PGG

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON
DURING THE FORTNIGHT

1	2			3			4			5		
										QUANTITIES PER RUPEE IN		
	Wheat.			Barley.			Rice (best sort).			Rice (common).		
DISTRICTS.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	8 8	8 8	9 0	12 8	13 0	12 12	...	...	...	7 0	7 0	7 [illegible]
Rohtak	8 2	8 0	9 2	12 0	12 0	13 0	...	...	...	6 0	6 8	6 [illegible]
Gurgaon	8 4	8 0	8 4	12 0	11 0	13 4	...	...	...	6 8	7 0	8 [illegible]
Karnál	8 12	8 4	9 8	13 0	12 0	14 0	...	...	...	6 8	7 0	7 [illegible]
Ambála	8 0	7 12	8 14	12 0	11 12	12 0	...	...	...	7 12	7 12	8 [illegible]
Simla	6 4	6 8	7 8	7 8	8 0	9 4	...	...	...	5 12	5 0	6 [illegible]
JULLUNDUR.												
Kángra	5 8	5 8	9 0	8 8	9 0	13 0	...	...	...	7 8	8 0	8 [illegible]
Hoshiárpur	8 0	8 4	9 8	9 0	10 0	12 0	...	...	...	6 8	6 8	6 [illegible]
Jullundur	8 4	8 4	9 8	11 8	12 6	12 0	...	...	...	6 8	7 8	7 [illegible]
Ludhiána	8 0	8 0	9 8	9 8	9 8	13 0	...	...	...	6 0	6 0	6 [illegible]
Ferozepore	8 8	8 8	9 0	11 0	11 0	12 8	...	...	...	6 8	6 8	7 [illegible]
LAHORE.												
Lahore	7 12	8 0	9 4	11 8	11 8	13 0	...	...	...	6 12	6 14	8 [illegible]
Amritsar	8 8	8 4	9 9	11 0	10 8	13 4	...	...	...	7 0	7 4	7 [illegible]
Gurdáspur	8 4	8 8	9 8	10 0	10 0	12 8	...	...	...	7 8	8 0	8 [illegible]
Siálkot	8 0	8 0	9 8	12 0	11 0	12 8	...	...	...	7 8	7 4	8 [illegible]
Gujránwála	7 12	7 14	9 14	12 12	13 0	15 8	...	...	...	6 14	7 0	9 [illegible]
RAWALPINDI.												
Gujrát	8 0	8 0	10 0	12 0	12 0	13 8	...	...	...	7 0	7 0	8 [illegible]
Shahpur	8 12	8 12	9 9	11 12	11 12	§	...	...	...	5 8	5 8	7 [illegible]
Jhelum	7 4	7 8	9 0	12 0	12 0	13 8	...	...	...	6 8	6 8	9 [illegible]
Ráwalpindi	6 8	6 8	8 4	10 12	11 12	11 12	...	...	...	7 4	7 4	7 [illegible]
Attock	7 8	8 0	8 8	11 8	12 0	13 0	...	...	...	7 0	7 0	7 [illegible]
Miánwáli	8 6	8 10	8 12	‡	§	13 0	...	...	...	6 0	6 0	6 [illegible]
MULTAN.												
Montgomery	8 8	7 14	9 0	13 0	11 0	11 0	...	...	...	6 0	5 12	7 [illegible]
Lyallpur	8 8	8 4	9 4	12 0	12 0	13 8	...	...	...	6 8	6 8	7 [illegible]
Jhang	8 12	8 8	9 8	12 4	12 12	13 4	...	...	...	6 8	6 8	7 [illegible]
Multán	8 2	8 2	9 8	11 8	11 8	12 0	...	...	...	7 4	7 4	8 [illegible]
Muzaffargarh	8 4	8 4	9 12	11 0	11 0	12 0	...	...	...	7 8	7 8	6 [illegible]
Dera Ghási Khan	6 14	6 14	9 8	‡	‡	14 8	...	...	...	6 6	6 1	9 [illegible]

†Not produced. ‡ Not sold.
NOTE.—The prices of rice as shown in the statement are
N.B.—Variations in prices are due to fluctuations

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH MARCH 1918.

THE ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			Districts.
Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												Ambala.
‡	‡	†	10 8	10 8	16 8	‡	‡	†	‡	‡	†	Hissar.
13 0	13 0	17 4	10 8	10 8	17 0	†	†	†	†	†	†	Rohtak.
10 0	11 0	16 0	12 0	11 0	16 0	†	†	†	†	†	†	Gurgaon.
§	13 0	16 0	10 0	10 0	15 0	†	†	†	§	§	†	Karnál.
13 0	14 0	16 8	10 0	10 12	13 4	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
8 4	8 0	10 0	7 8	8 0	10 0	‡	‡	†	‡	‡	†	Simla.
												Jullundur.
‡	‡	†	‡	‡	†	‡	‡	†	‡	‡	†	Kángra.
8 8	9 0	12 0	6 8	9 8	12 0	†	†	†	‡	‡	†	Hoshiárpur.
9 0	9 0	13 8	9 8	10 0	12 8	†	†	†	9 0	8 8	9 0	Jullundur.
9 0	9 8	14 0	8 8	8 8	13 8	†	†	†	6 0	6 0	7 8	Ludhiána.
‡	‡	13 0	†	†	13 8	‡	‡	†	‡	‡	†	Ferozepore.
												Lahore.
9 0	10 0	13 0	9 0	9 0	13 8	§	§	†	8 12	8 12	12 8	Lahore.
10 4	9 10	13 1	9 12	9 12	15 12	§	§	†	10 0	11 0	10 12	Amritsar.
9 0	9 8	12 8	§	§	†	§	§	†	8 0	8 0	8 0	Gurdáspur.
§	§	†	§	§	12 0	§	§	†	§	§	†	Siálkot.
§	§	†	§	§	†	§	§	†	§	§	†	Gujránwála.
												Rawalpindi.
§	§	§	9 0	9 0	14 0	†	†	†	§	§	†	Gujrát.
11 8	11 0	12 0	11 12	11 12	14 8	§	§	†	§	§	†	Shahpur.
§	§	†	9 4	10 0	12 8	†	†	†	†	†	†	Jhelum.
8 12	10 12	14 0	10 8	10 8	11 12	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	11 0	11 8	11 0	‡	‡	†	‡	‡	†	Attock.
9 0	9 0	11 8	12 8	13 0	12 8	†	†	†	†	†	†	Miánwáli.
												Multan.
8 0	10 0	12 0	§	§	12 0	§	§	†	§	§	†	Montgomery.
§	§	†	§	§	15 0	§	§	†	§	§	†	Lyallpur.
8 0	6 0	10 0	11 0	11 8	12 12	14 8	14 8	14 0	11 8	11 8	11 8	Jhang.
‡	‡	13 8	10 0	10 0	14 0	‡	‡	†	13 0	13 0	13 0	Multán.
§	§	§	§	§	§	§	§	§	§	§	§	Muzaffargarh.
7 0	7 0	14 0	8 12	8 12	14 0	‡	‡	†	‡	‡	†	Dera Gházi Khan.

§Not procurable.
…or the quality in common demand.
…imports and exports.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTO[N]
DURING THE FORTNIG[HT]

QUANTITIES PER RUPEE B[Y]

1	10			11			12			13		
DISTRICTS.	*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*			*Maize (Zea Mays).*			*Arhur or Thur Cadjan Pea (Cajanus indicus).*			*Firewood.*		
	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	12 10	11 8	13 8	‡	‡	†	‡	†	†	55 0	55 0	70
Rohtak	12 8	11 8	13 12	§	§	†	8 0	8 0	8 0	60 0	60 0	70
Gurgaon	11 8	11 0	13 0	11 0	11 0	13 0	9 0	9 0	8 0	60 0	60 0	80
Karnál	13 0	11 0	14 0	12 0	11 0	14 12	9 0	8 0	7 0	90 0	90 0	110
Ambála ...	10 4	10 4	12 0	11 12	12 4	15 8	7 12	7 12	8 0	77 0	77 0	85
Simla	8 4	8 4	9 4	8 12	9 4	11 8	5 4	5 4	5 4	53 5	46 0	61
JULLUNDUR.												
Kángra	8 8	6 8	8 0	8 8	9 0	13 0	4 8	4 8	5 0	80 0	80 0	80
Hoshiárpur	9 4	9 8	11 4	10 0	10 8	15 0	†	‡	†	80 0	60 0	70
Jullundur	9 12	9 8	11 12	10 8	10 12	15 0	§	§	†	44 0	40 0	60
Ludhiána	9 8	9 0	12 4	11 8	11 8	15 8	8 8	8 8	6 8	55 0	50 0	65
Ferozepore	11 0	11 0	12 0	10 0	10 0	13 12	*5 0	5 0	5 8	45 0	45 0	70
LAHORE.												
Lahore	10 0	10 4	11 8	9 12	9 12	13 8	7 4	7 4	7 0	40 0	32 0	40 0
Amritsar	9 12	9 12	11 12	9 8	10 0	14 8	6 8	6 8	7 12	43 0	44 0	60 0
Gurdáspur	8 8	8 8	10 8	10 8	11 0	16 0	§	§	†	50 0	60 0	60 0
Siálkot	8 8	8 0	10 0	10 0	10 0	13 0	§	§	†	60 0	50 0	70 0
Gujránwála	9 12	9 12	11 4	9 12	10 0	†	§	†	†	50 0	43 0	55 0
RAWALPINDI.												
Gujrát	9 0	9 0	10 8	9 0	9 0	14 0	†	†	†	50 0	45 0	70 0
Shahpur	10 12	10 12	11 8	10 8	10 8	15 0	7 0	7 0	7 0	53 0	53 0	63 0
Jhelum	9 8	9 8	10 8	9 0	9 8	11 8	6 0	6 0	6 8	45 0	45 0*	50 4
Ráwalpindi	8 0	8 12	10 8	10 12	10 12	12 0	8 0	8 0	6 12	40 0	40 0	53 0
Attock	9 4	9 4	10 8	12 0	12 0	11 0	5 4	5 4	5 4	45 0	45 0	61 9
Miánwáli	10 12	10 12	11 8	‡	‡	12 0	‡	‡	†	45 0	45 0	55 0
MULTAN.												
Montgomery	9 12	9 6	11 12	§	§	15 0	8 0	§	†	85 0	85 0	110 0
Lyallpur	9 12	9 12	12 0	§	11 0	16 0	6 0	6 0	7 0	35 0	38 0	54 0
Jhang	10 4	10 12	11 12	8 14	9 8	13 8	‡	‡	†	34 0	32 0	60 0
Multán	8 8	9 0	11 0	§	§	14 0	‡	‡	6 8	45 0	45 0	80 0
Muzaffargarh	8 10	8 12	11 0	§	§	§	§	§	§	100 0	110 0	110 0
Dera Gházi Khan	8 0	8 12	11 0	‡	‡	†	‡	‡	†	72 0	73 0	90 0

* No wholesale salt sold.

† Not produced.

N.B.—Variations in prices are due to fluctuations in
NOTE.—The price of bathu and massar at Simla during the
Memo. of

In the fortnight ending 15th February 1918 under head "present" and in the fortnight

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:

Lahore, dated the 25th March 1918.

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH MARCH 1918—CONCLUDED.

THE ORDINARY SEER OF 80 TOLAS.

14						15			16			1
Salt.						Gur.			Cotton (unginned).			Districts
Present fortnight ending 15th March 1918.		Past fortnight ending 28th February 1918.		Corresponding fortnight of 15th March 1917.		Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	Present fortnight ending 15th March 1918.	Past fortnight ending 28th February 1918.	Corresponding fortnight of 15th March 1917.	
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.							
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
8 8	8 0	8 8	8 0	16 0	15 0	9 0	8 0	6 8	3 0	3 0	4 0	Hissar.
13 0	12 0	11 0	10 0	17 8	16 0	10 0	10 0	9 0	2 8	2 8	5 0	Rohtak.
10 8	10 0	8 8	8 0	17 8	17 0	8 8	8 0	7 8	3 0	3 8	4 0	Gurgaon.
10 14	10 2	10 4	9 8	16 12	16 0	9 8	9 0	9 0	‡	‡	†	Karnál.
12 15	12 8	13 5	13 0	18 0	17 0	7 0	7 0	6 8	§	2 8	4 4	Ambála.
9 4	8 4	8 12	8 4	15 0	13 0	5 8	5 0	5 0	§	§	†	Simla.
												JULLUNDUR.
*	7 0	‡	7 0	*	9 0	3 8	4 0	4 0	‡	‡	†	Kángra.
13 8	13 0	12 0	11 0	17 0	16 0	5 8	5 8	5 8	‡	‡	4 8	Hoshiárpur.
13 4	12 0	13 7	11 14	20 0	18 0	5 0	6 0	6 0	§	2 12	5 0	Jullundur.
13 8	13 0	11 8	11 0	17 0	16 8	6 8	6 8	6 8	2 8	2 8	3 8	Ludhiána.
12 8	12 0	11 0	10 8	16 0	15 0	6 0	6 0	5 8	2 12	2 12	5 0	Ferozepore.
												LAHORE.
13 4	13 0	13 0	12 12	18 0	17 0	6 8	6 8	7 0	2 12	2 12	3 12	Lahore.
13 5	12 8	13 5	12 8	21 5	19 0	7 4	7 4	8 8	2 6	2 6	4 0	Amritsar.
*	11 0	*	10 0	*	16 0	7 0	7 0	8 0	4 0	4 0	†	Gurdáspur.
14 0	13 0	14 0	13 0	17 0	16 0	7 8	7 8	7 8	3 0	3 0	5 0	Siálkot.
15 0	14 8	16 0	15 8	18 0	17 12	7 0	7 0	7 12	3 1	3 0	4 12	Gujránwála.
												RAWALPINDI.
12 0	11 0	12 0	11 0	16 0	14 0	7 0	7 0	6 8	‡	‡	4 8	Gujrát.
14 8	14 0	13 8	12 0	17 0	16 0	8 0	8 0	8 0	§	2 4	5 0	Shahpur.
13 8	12 8	13 0	12 0	20 0	19 0	6 4	5 8	6 0	‡	‡	†	Jhelum.
14 12	14 0	14 0	13 0	18 0	17 8	7 4	7 4	7 4	§	§	†	Ráwalpindi.
21 0	20 0	21 0	20 0	13 0	12 0	8 0	8 0	7 0	4 0	4 0	5 0	Attock.
12 0	12 0	12 0	12 0	16 0	16 0	5 8	5 8	5 8	‡	‡	†	Miánwáli.
												MULTAN.
12 0	11 0	11 0	10 0	11 0	10 0	6 8	6 8	6 8	2 10	2 6	5 0	Montgomery.
13 0	12 0	13 5	12 0	17 12	17 0	8 0	8 0	8 8	§	2 15	5 0	Lyallpur.
11 0	10 0	11 0	10 0	14 8	13 8	6 8	6 8	6 8	2 2	2 2	4 4	Jhang.
12 0	11 8	12 0	11 8	13 12	13 4	6 4	6 4	7 0	2 1	2 1	4 4	Multán.
10 8	10 0	9 8	9 0	14 0	13 8	6 0	6 0	6 0	§	3 0	5 8	Muzaffargarh.
11 12	11 4	11 4	8 0	12 8	12 0	6 0	5 0	5 0	2 12	3 0	6 0	Dera Ghází Khan.

‡ Not sold. § Not procurable.

...ports and exports.
...fortnight ending 15th March 1918 was 7 seers 8 chataks and 6 seers 4 chataks respectively.
...orrection.

...ding 28th February 1918 under head "past" under "rice" against "Shahpur" *read* "6 seers" *for* "7 seers."

MAHBUB SHAH, Supdt.,
Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 9 seers 4 chataks as compared with 7 seers 15 chataks in last fortnight and 8 seers in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Rohtak	...	9 2	8 0	8 2
Kángra	...	9 0	5 8	5 8
Gujránwála	...	9 14	7 14	7 12
Gujrát	...	10 0	8 0	8 0
D. G. Khan	...	9 8	6 14	6 14

Barley.—Prices average 12 seers 14 chataks as compared with 11 seers 7 chataks in last fortnight and 11 seers 7 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Gurgaon	...	13 4	11 0	12 0
Kángra	...	13 0	9 0	8 8
Gujránwála	...	15 8	13 0	12 12
Gujrát	...	13 8	12 0	12 0
Montgomery	...	11 0	11 0	13 0

Rice.—Prices average 7 seers 7 chataks as compared with 6 seers 14 chataks in last fortnight and 6 seers 12 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Gurgaon	...	8 0	7 0	6 8
Ferozepore	...	7 8	6 8	6 8
Gujránwála	...	9 4	7 0	6 14
Shahpur	...	7 0	5 8	5 8
D. G. Khan	...	9 12	6 1	6 6

Jowar.—Prices average 9 seers 6 chataks as compared with 10 seers in last fortnight and 13 seers 9 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Gurgaon	...	16 0	11 0	10 0
Ludhiána	...	14 0	9 8	9 0
Lahore	...	13 0	10 0	9 0
Ráwalpindi	...	14 0	10 12	8 12
D. G. Khan	...	14 0	7 0	7 0

Bajra.—Prices average 10 seers as compared with 10 seers 5 chataks in last fortnight and 13 seers 11 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Rohtak	...	17 0	10 8	10 8
Hoshiárpur	...	12 0	9 8	6 8
Amritsar	...	15 12	9 12	9 12
Gujrát	...	14 0	9 0	9 0
D. G. Khan	...	14 0	8 12	8 12

Gram.—Prices average 9 seers 13 chataks as compared with 9 seers 11 chataks in last fortnight and 11 seers 8 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Ambála	...	12 0	10 4	10 4
Ludhiána	...	12 4	9 0	9 8
Amritsar	...	11 12	9 12	9 12
Ráwalpindi	...	10 8	8 12	8 0
D. G. Khan	...	11 0	8 12	8 0

Maize.—Prices average 10 seers 4 chataks as compared with 10 seers 7 chataks in last fortnight and 13 seers 15 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers. C.	Seers. C.	Seers. C.
Ambála	...	15 8	12 4	11 12
Hoshiárpur	...	15 0	10 8	10 0
Gurdáspur	...	16 0	11 0	10 8
Gujrát	...	14 0	9 0	9 0
Jhang	...	13 8	9 8	8 14

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MARCH 1918.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	WHOLESALE PRICE PER MAUND OF 82 2/7 LBS. OR 40 SEERS OF 80 TOLAS EACH.															
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 0 0	5 0 0	4 15 0	3 5 0	...	3 0 0	3 12 0	3 5 0	3 12 0	5 0 0	6 0 0	4 12 0	5 12 0	7 0 0	5 8 0	50 0 0
Ferozepore ...	3 1 9	5 11 6	4 9 0	3 7 9	...	...	...	3 13 0	3 7 9	7 4 6	6 10 9	...	7 4 6	7 4 3	6 2 6	42 10 9
Lahore ...	3 5 3	5 12 0	5 0 0	3 5 3	3 9 0	4 3 3	4 3 3	3 13 0	3 14 6	5 5 3	5 11 6	4 13 6	6 2 6	8 0 0	5 14 9	40 0 0
Amritsar ...	3 10 0	5 10 0	4 10 0	3 4 0	...	3 13 0	4 0 0	4 0 0	4 0 0	5 14 0	7 0 0	5 0 0	7 0 0	8 0 0	5 2 6	45 0 0
Ráwalpindi ...	...	5 5 3	5 14 9	3 5 3	...	4 7 0	3 11 6	3 10 3	4 13 3	...	5 0 0	4 9 3	...	...	5 5 3	...
Lyallpur ...	...	6 2 0	4 7 0	3 4 0	...	...	...	...	4 0 0	...	...	...	7 0 0	8 0 0	4 6 0	63 0 0
Multán ...	3 0 0	5 4 0	4 13 0	3 5 3	3 9 6	...	3 14 6	...	4 7 0	...	6 0 0	4 4 0	7 0 0	6 0 0	6 0 0	55 0 0

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WHOLESALE PRICE PER MAUND OF 82 2/7 LBS. OR 40 SEERS OF 80 TOLAS EACH.															
NAME OF DISTRICT.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow).	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	REMARKS.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	3 14 0	65 0 0	5 4 0	13 0 0	16 0 0	3 1 6	50 0 0	1 12 0	...	1 2 3	1 2 3	...	(a)5 0 0	150 0 0	100 0 0	
Ferozepore ...	4 5 3	59 8 0	5 5 3	16 0 0	16 0 0	3 3 3	...	2 3 6	...	1 0 0	...	...	(b)5 8 0	225 0 0	143 0 0	
Lahore ...	4 0 0	60 15 9	5 11 6	13 5 3	21 5 3	3 0 0	38 0 0	2 13 9	1 0 0	1 8 0	...	1 4 0	(a)6 4 0	170 0 0	160 0 0	
Amritsar ...	4 4 0	62 0 0	5 8 0	10 0 0	16 8 0	3 0 0	40 0 0	2 4 0	...	1 8 0	...	1 12 0	(c)4 3 0	...	...	
Ráwalpindi ...	...	60 15 3	6 6 3	...	...	2 11 3	39 0 0	...	...	2 8 0	...	1 8 0	(d)4 4 0	120 0 0	100 0 0	
Lyallpur ...	3 7 0	53 0 0	5 3 0	20 0 0	18 0 0	2 12 0	35 0 0	2 4 0	...	1 2 3	...	1 8 0	(e)5 10 0	220 0 0	120 0 0	
Multán ...	3 7 0	54 0 0	5 4 0	12 0 0	22 8 0	3 5 3	40 0 0	2 9 0	1 2 0	1 4 0	...	...	(f)5 14 0	...	105 0 0	

Quotations have not been shown in cases in which there have been no wholesale transactions.
NOTE.—Prices of rice as shown in the statement are for the quality in common demand.
N.B.—Variations in prices are due to fluctuations in imports and exports.

(a) Elephant Brand. (b) Bottle mark. (c) Monkey Brand. (d) Victoria Brand. (e) Deer Mark. (f) Sun Brand.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB :
Lahore, dated the 25th March 1918.

B. D. SINGH, HEAD ASSTT. OF STATISTICS,
Office of Director of Land Records, Punjab.

List of Errata in the Monthly Rainfall Returns of the Punjab for the year ending 31st December 1917.

District.	Rain gauge station.	Column.	Rainfall. For	Rainfall. Read	Remarks.
	January 1917.				
Hissar ...	Hánsi	39	1·50	1·58	
Do. ...	Tohána	34	...	1	
Rohtak ...	Gohána	38	0·18	0·08	
Gurgaon	Firozpur	18	0·0	0·07	
Do. ...	Do.	28	0·0	0·02	
Simla ...	Kot Khai	34	2	*Nil*	
Patiála State	Jodhpur *C*	36	0·1	0·61	
Do.	Lehal *C*	37	1·4	1·40	
Do.	Gujrán *C*	37	0·9	0·90	
Lahore ...	Van *C*	35	2·02	2·2	
Shahpur	Midh	26	0·2	0·20	
Do.	Khushá̄b	29	0·08	0·03	
Muzaffargarh	Alipur	35	41·0	1·0	
Dera Ghází Khan	Dera Ghází Khan	23	·04	0·04	
	February 1917.				
Karnál ...	Gulah	37	1·77	0·77	
Do.	Thanesar	37	1·3	1·13	
	March 1917.				
Gurgaon	Palwal	39	2·23	3·23	
Do.	Gurgaon	40	4·61	2·61	
Ambála	Naraingarh	37	0·3	0·63	
Lahore ...	Lahore	39	0·01	1·01	
	April 1917.				
Hissar ...	Hissar	39	5·07	5·01	
Gurgaon	Palwal	39	4·15	5·15	
Jind State	Dhaneta *C*	39	3·68	3·18	
Lahore ...	Lahore	39	1·4	2·24	
Montgomery	Dipálpur	39	3·73	3·53	
Lyallpur	Lyallpur *C*	34	*Nil*	4	
Jhang ...	Chiniot	38	1·33	0·33	
	May 1917.				
Gurgaon	Hattin	29	...	0·10	
Do.	Do.	30	...	0·18	
Do.	Do.	34	*Nil*	2	
Do.	Do.	36	*Nil*	0·28	
Do.	Do.	38	*Nil*	0·18	
Do.	Do.	39	2·94	3·22	
Karnál ...	Karnál	18	0·1	0·15	
Do. ...	Kaithal	18	0·1	0·15	
Ambála ...	Kharar	39	9·19	9·16	
Kángra	Dharmsála	22	0·81	0·18	
Ludhiána	Samrála	13	3·37	3·73	
Do.	Do.	36	3·58	3·94	
Do.	Do.	38	3·37	3·73	
Do.	Do.	39	11·47	11·83	
Ferozepore	Ferozepore City	13	0·0	0·05	
Do.	Gobindgarh	36	1·6	1·67	
Lahore	Niazbeg *C*	12	0·20	2·20	
Gujrát ...	Khárian	39	5·76	5·06	
Shahpur	Khusháb	34	5	4	
Do.	Bhera	34	5	4	
Rawálpindi	Kahuta	18	0·2	0·22	
Attock ...	Fatehjang	39	7·93	7·97	
Do. ...	Attock	11	0·68	0·60	
Montgomery	Pákpattan	27	0·0	0·05	
Do.	Dipálpur	39	5·00	4·80	
Lyallpur	Badwali *C*	10	0·65	2·65	
Jhang ...	Shorkot	13	1·57	0·07	
Do. ...	Do.	14	0·0	0·01	
Do. ...	Chiniot	14	0·1	0·12	
Do.	Sandiánwála *C*	39	2·29	2·25	
Multán	Shujabad	5	0·0	0·03	

List of Errata in the Monthly Rainfall Returns of the Punjab for the year ending 31st December 1917.

District.	Raingauge station.	Column.	Rainfall.		Remarks.
			For	*Read*	
	June 1917.				
Hissar	Fatehabad	39	6·9	6·95	
Gurgaon	Palwal	29		0·07	
Do.	Do.	36	1·62	1·69	
Do.	Do.	39	8·27	8·34	
Ambála	Kharar	39	12·27	12·24	
Nabha State	Dadahur *C*	34	3	2	
Hoshiárpur	Hoshiárpur	31	49	0·49	
Lahore	Niázbeg *C*	34	...	6	
Amritsar	Buggeh *C*	22	2·5	2·50	
Siálkot	Pasrúr	39	16·05	10·05	
Gujrát	Khárian	39	11·92	11·22	
Jhelum ...	Sadr Station (Jhelum)	36	4·3	5·31	
Attock ...	Talagang	34	5	6	
Lyallpur	Lyallpur *C*	39	5·45	5·30	
Do.	Do.	8	...	0·10	
Jhang	Sandyanwála *C*	34	1	2	
Do.	Do.	36	1·84	1·94	
Do.	Do.	39	4·09	4·19	
	July 1917.				
Gurgaon	Palwal	39	16·56	16·63	
Do.	Punahána	9	...	1·33	
Do.	Do.	10	1·33	...	
Do.	Do.	28	3·20	0·20	
Do.	Do.	36	11·01	8·01	
Do.	Do.	38	3·20	1·64	
Do.	Do.	39	13·11	10·11	
Karnál	Pánipat	34	4	9	
Do.	Karnál	36	8·91	8·09	
Do.	Thánesar	33	2·51	0·51	
Ambála	Kharar	39	25·70	25·67	
Do.	Rupar	13	·85	0·85	
Patiála State	Gujrán *C*	28	0·2	0·20	
Kángra	Nagar ...	20	0·30	1·30	
Do.	Do.	26	0·1	0·15	
Do.	Pálampur	26	4·11	4·21	
Do. ...	Dera	27	0·1	0·12	
Ludhiána	Samrála	37	7·67	7·66	
Lahore	Niázbeg *C*	33	1·35	2·35	
Do.	Lahore	36	3·67	3·07	
Do.	Dafthu	3	...	0·40	
Do.	Do.	4	0·40	...	
Do.	Manihala *C*	33	0·2	0·25	
Amritsar	Amritsar *C*	38	2·0	2·00	
Gurdáspur	Mádhopur *C*	31	...	4·55	
Do.	Shakargarh	31	4·55	...	
Gujránwála	Khangah Dogran	20	6·02	0·02	
Do.	Pacca Dalla *C*	34	2	6	
Gujrát	Kharián	39	20·56	19·86	
Rawalpindi	Murree	39	50·59	50·57	
Lyallpur	Lyallpur *C*	39	8·04	7·89	
Jhang	Jhang	27	10·19	0·19	
Do.	Laklani *C*	27	...	0·80	
Do.	Do.	34	3	4	
Do. ...	Do.	36	3·31	4·11	
Do.	Do.	37	2·5	2·55	
Do.	Do.	39	7·65	8·45	
Do.	Sandyánwála *C*	40	4·88	6·20	
	***August* 1917.**				
Rohtak	Gohána	37	5·36	5·14	
Do. ...	Sámpla	37	3·58	5·36	
Do.	Jhajjar	37	5·14	5·45	
Do.	Salhawas	37	?	3·58	
Do.	Beri	37	6·57	?	
Do.	Sonepat	37	5·45	6·57	
Do.	Gohána	39	21·81	21·96	
Do.	Sámpla	39	19·95	25·10	
Do.	Jhajjar	39	22·33	21·01	
Do.	Salhawas	39	18·07	16·02	
Do.	Beri	39	18·03	17·01	
Do.	Sonepat	39	22·62	21·71	

List of Errata in the Monthly Rainfall Returns of the Punjab for the year ending 31st December 1917.

District.	Raingauge station.	Column.	Rainfall. For	Rainfall. Read	Remarks.
	August 1917—concluded.				
Karnal	Panipat	39	25·07	25·00	
Ambála	Jagádhri	29	11·20	1 20	
Do.	Ambála	34	10	13	
Do.	Kharar	39	30·08	30·05	
Jínd State	Jínd *C*	14	...	0·10	
Do.	Do.	34	6	7	
Do.	Do.	36	8·15	8·25	
Do.	Do.	39	19·20	19·30	
Bikaner State	Chhani *C*	39	12·69	13·50	
Hoshiárpur	Garhshankar	4	2 24	0·24	
Do.	Hoshiárpur	3	...	0·09	
Do.	Do.	36	21·07	21·16	
Do.	Do.	39	53·35	53·44	
Ferozepore	Zíra	11	0·41	1·41	
Lahore	Manihala *C*	40	19·55	14·55	
Amritsar	Buchar *C*	17	0·40	0·45	
Do.	Do.	39	18·35	20·27	
Siálkot	Siálkot	9	0·50	0·15	
Gujránwála	Hafizabad	36	15·38	15·33	
Do.	Do.	39	23·97	23·72	
Shahpur	Bhera	4	1·75	0·75	
Do.	Do.	24	1·14	0·14	
Jhelum	Chakwál	10	0·2	0·21	
Ráwalpindi	Ráwalpindi	39	30·69	30·64	
Do.	Gujar Khan	21	2·03	0·03	
Do.	Kahúta	6	2·06	0·06	
Do.	Murree	39	71·59	71·57	
Montgomery	Pákpattan	34	13	14	
Lyallpur	Badwáli *C*	38	1·0	1·00	
Multán	Kabírwála	39	22·21	12·21	
Do.	Do.	40	6·15	5·15	
Dera Gházi Khan ...	Fort Munro	17	...	0·09	
Do.	Jámpur	17	0·09	0·04	
Do.	Rájanpur	17	0·04	...	
Do.	Dera Gházi Khan	38	1·80	1·30	
Do.	Fort Munro	36	14·17	17·23	
Do.	Jámpur	36	7·24	7·19	
Do.	Rájanpur	36	2·66	2·62	
Do.	Fort Munro	39	23·83	23·92	
Do.	Jámpur	39	10·68	10·63	
Do.	Rájanpur	39	3·26	3·22	
	September 1917.				
Hissar	Hánsi	38	6·65	6·75	
Rohtak	Gohána	39	32·16	32·31	
Do.	Sámpla	39	32·67	37·82	
Do.	Jhajjar	39	36·87	35·55	
Do.	Salhawás	22	5·0	5·00	
Do.	Do.	39	31·02	28·97	
Do.	Beri	39	29·46	28·44	
Do.	Sonepat	18	0·0	0·04	
Do.	Do.	39	29·32	28·41	
Karnál	Rajaund	39	30·55	30·28	
Ambála	Kharar	39	46·03	46·00	
Jínd State	Jínd *C*	39	32·80	32·90	
Patiála State	Jodhpur *C*	12	...	0·35	
Do.	Raniki *C*	12	0·35	0·37	
Do.	Do.	22	0·9	0·97	
Do.	Lehal *C*	12	0·37	...	
Do.	Gujrán *C*	12	...	0·24	
Do.	Do.	20	0·90	0·30	
	Barthála *C*	12	0·24	...	
Kángra	Dharmsála	7	7·0	7·00	
Amritsar	Buggeh *C*	39	32·0	33·00	
Siálkot	Pasrúr	38	5·39	5·37	
Jhelum	Pind Dadan Khan	31	0·0	0·08	
Do.	Do.	38	·95	0·95	
Ráwalpindi	Ráwalpindi	39	38·67	38·62	
Miánwáli	Bhakkar	8	...	0·87	
Lyallpur	Jaránwála	13	0·10	0·16	
Jhang	Jhang	24	0·28	0·23	
Dera Ghazi Khan ...	Fort Munro	10	0·02	1·02	

List of Errata in the Monthly Rainfall Returns of the Punjab for the year ending 31st December 1917.

District.	Raingauge station.	Column.	Rainfall. *For*	Rainfall. *Read*	Remarks.
	October 1917.				
Hissar	Bhiwáni	3	0·0	0·02	
Do.	Do.	27	...	1·30	
Do.	Budhláda	27	1·30	4·00	
Do.	Tohána	27	4·00	...	
Rohtak	Gohána	38	2·8	2·88	
Gurgaon	Gurgáon	27	0·7	0·75	
Do.	Sohána	29	·34	1·34	
Karnál	Pánipat	28	1·4	1·42	
Do.	Karnál	29	27	2·75	
Jind State	Dhaneta *C*	37	1·18	0·18	
Amritsar	Buchár *C*	36	2·9	2·95	
Gujránwála	Gujránwála Sadr Kacheri... ...	38	2	0·92	
Montgomery	D.pálpur	34	*Nil*	1	
Do.	Do.	35	*Nil*	0	
	November 1917.				
Gujrat	Kharián	39	2·28	2·23	
	December 1917.				
Rohtak	Rohtak	36	37	0·37	
Do.	Gohána	36	11	0·11	
Do.	Sampla	36	40	0·40	
Do.	Jhajjar	36	19	0·19	
Do.	Salhawas	36	14	0·14	
Do.	Beri	26	20	0·20	
Do.	Sonepat	36	66	0·66	
Karnál ...	Thanesar	36	0·1	0·61	
Patiala State	Gujrân *C*	36	0·8	0·85	
Do.	Do.	38	0·5	0·45	
Lahore	Pambe *C*	39	0·50	0·60	
Montgomery	Montgomery	38	0·11	0·16	

C denotes canal raingauge station.

MAHBUB SHAH, Supdt.,
for *Director of Land Records, Punjab.*

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fast Rabi

Canals.	Water distributed during February 1918.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Authorized maximum gauge.	Actual throughout February 1918.	Authorized full supply.	Actual average throughout February 1918.
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
Western Jumna Canal.				
At Dádupur	4·50	2·61	6,430	2,767
Main Line, Major Distributaries	...	...	530	256
Ditto Escapes	...	..	...	...
Sirsa Branch	8·9	3·62	1,790	800
Delhi Branch	8·2	3·61	1,725	624
Hánsi Branch	8·70	4·22	2,190	863
Loss in Main Line	...	...	...	224
Total ...	...	...	...	2,767
Deduct Escapage	...	...	...	3
Net utilized ...	...	...	...	2,764
Sirhind Canal.				
Main Line	12·0	7·10	8,500	3,920
Abohar Branch	8·0	2·92	3,155	1,014
Bhatinda "	7·1	4·22	2,306	1,032
Feeders	11·0	5·37	3,080	1,598
Loss in Main Line	...	...	...	276
Total ...	..	...	...	3,920
Deduct British Escapes	...	...	...	...
Net utilized ...	...	...	...	3,920
Upper Bari Doab Canal.				
Head Gauge, Rapid No. 2	4·42	2·41	4,800	1,939
Salampur Feeder	4·70	...	1,900	...
Total entering Canal ...	...	...	6,700	1,939
Kasúr Branch at Malliani Fall	3·42	1·10	740	223
Sobráon Branch at Sathiáli Fall	6·00	1·57	882	217
Main Line and Main Branch, Upper Distributaries ...	...	...	...	...
Main Branch, Lower	4·98	1·84	2,559	836
Lahore Branch	3·25	0·97	1,225	323
Absorption	...	...	...	350
Total ...	...	...	...	1,989
Deduct Escapage	...	...	...	...
Net utilized ...	...	...	...	1,939

PUNJAB, IRRIGATION BRANCH.

of 1917-18 up to 28th February 1918.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* February 1918.	Area irrigated *to end of* February 1918.	Area irrigated *to end of* February 1917.	
6	7	8	9	10	11	12	13	14	15
Ambála ...	1,165		1·05	...	Wheat ...	79,012	147,325	219,360	The canal was in flow throughout the month.
Karnál ...	116,273		0·49	...	Barley ...	4,270	7,311	13,909	
Rohtak ...	107,159		0·38	...	Mixed grain	12,527	20,732	50,026	
Delhi ...	13,650	40	0·52	...	Sarson ...	794	1,292	8,321	
Hissar	66,168		0·29	...	Gram ...	7,950	17,998	84,394	
Jínd ...	29,416		0·55	...	Senji ...	148	445	447	
Bikáner ...	120	20	0·17	...	Miscellaneous	29,194	85.936	80,916	
Kalsia ...	799	...	...	...	Sugarcane* ...	...	85,405	61,918	
Patiála ...	31,694	26	0·63	...					
...	366,444	...	...	...	...	†133,895	† 366,444	† 519,291	
Ludhiána ...	16,197		0·77	...	Wheat ...	124,899	181,950	367,040	The canal was in flow throughout the month.
Ferozepore ...	190,574		0·51	...	Barley ...	18,952	31,153	122,486	
Hissar ...	447		...	...	Mixed grain...	1,474	2,143	12,694	
Farídkot State	35,014		...	...	Sarson ...	433	1,095	8,099	
Patiála State...	159,188	34			Gram ...	7,540	44,979	175,035	
Nábha State...	30,472		0·65	...	Senji ...	18,912	22,191	40,881	
Jínd State ...	12,095				Miscellaneous	−1,684	152,360	134,324	
Kalsia State...	1,438		...	...	Sugarcane* ...	...	9,554	5,589	
...	445,425	...	...	...	...	‡ 160,526	‡ 445,425	‡ 866,148	
Gurdáspur ...	36,569		1·75	0·10	Wheat ...	24,777	172,949	226,319	The canal was in flow throughout the month.
Amritsar ...	165,541	38	1·04	0·02	Barley ...	600	4,543	4,864	
Lahore ...	362,106		0·91	0·12	Mixed grain...	18,107	113,443	118,111	
					Sarson ...	309	2,410	3,070	
					Gram ...	5,864	75,598	68,559	
					Senji ...	14,767	74,326	78,413	
					Miscellaneous	6,933	74,750	104,835	
					Sugarcane* ...	...	46,192	41,649	
...	564,216	...	...	...	...	71,357	564,216	645,820	

* Sugarcane being irrigated in both seasons, the area sown in the previous *kharif* is now included in the *rabi* statement.

† Includes the following areas irrigated in the Native States of Patiála and Jind :—

	During February 1918.	*To end of February* 1918.	*To end of February* 1917.
Patiála State, Sirsa Branch	11,667 acres.	31,694 acres.	47,493 acres.
Jind State, Hánsi Branch	9,809 ,,	29,416 ,,	38,147 ,,

‡ Includes the following areas irrigated by the Native States Branches :—

	During February 1918.	*To end of February* 1918.	*To end of February* 1917.
Patiála State	43,740 acres.	132,752 acres.	268,644 acres.
Nábha State	4,628 ,,	17,754 ,,	27,377 ,,
Jínd State	8,852 ,,	11,445 ,,	22,184 ,,
Total ...	57,220 ,,	161,951	318,205 ,,

Irrigation Operations of Fast Rabi

Canals.		Water distributed during February 1918. — Depth in Canal at regulating gauge. — Authorized maximum gauge.	Water distributed during February 1918. — Depth in Canal at regulating gauge. — Actual throughout February 1918.	Water distributed during February 1918. — Gross consumption, cubic feet, per second. — Authorized full supply.	Water distributed during February 1918. — Gross consumption, cubic feet, per second. — Actual average throughout February 1918.
1		2	3	4	5
	MAJOR IRRIGATION WORKS—CONTINUED.				
Lower Bari Doab Canal.	Supply at head	9·3	3·26	6,750	2,470
	Add—Share of loss by absorption in Main Line, Upper and Lower, Upper Chenab Canal, debitable to Lower Bari Doab Canal.	...	...	...	501
	Total ...	..	...	...	2,971
	Deduct Escapage	...	...	...	27
	Net utilized	...	...	...	2,944
Upper Chenab Canal.	Main Line, Upper, at R.D. 83,500 feet (Sambrial) ...	11·77	6·76	11,742	4,586
	Main Line, Lower, at Bambanwála	..	...	..	4,291
	Nokhar Branch	...	...	..	...
	Raya Branch	6·4	...	1,445	...
	Loss by absorption	...	..	...	295
	Total	...	...	...	4,586
	Deduct—Passed on to River Ravi ... 2,569	...	...	...	3,070
	" Share of loss by absorption in Main Line, debitable to Lower Bari Doab Canal, 501	...	...	...	
	" Escapage	...	...	...	...
	Net utilized ...	...	...	...	1,516
Lower Chenab Canal.	Main Line	11·6	8·86	10,730	6,784
	Kot Nikka Branch	4·3	2·99	307	113
	Mián Ali "	9·0	6·10	574	338
	Rakh "	5·7	5·62	1,113	710
	Jhang Branch { Upper	9·0	7·11	2,942	754
	Jhang Branch { Lower	7·0	6·18	1,244	934
	Bhawána Branch	6·0	4·42	422	276
	Gugera Branch (including Burála Branch)	10·0	6·52	4,638	3,211
	Distributaries of Main Line	...	...	590	49
	Loss in Main Line	...	..	268	399
	Total ...	...	...	...	6,784
	Deduct Escapage	...	...	...	20
	Net utilized ...	...	...	...	6,764
Upper Jhelum Canal.	Jaggu at R. D. 123,000 feet, Main Line	9·6	6·59	8,380	4,231
	(a) Gujrat Branch	6·2	2·92	1,728	698
	(b) Main Line Distributaries	...	...	...	138
	(c) Loss by absorption (10 per cent. of (a) + (b)) ...	...	...	...	84
	Passed on to River Chenab at R. D. 418,500 feet, Main Line	...	...	...	3,311
	Total ...	...	...	...	4,231
	Deduct Escapage	...	...	...	...
	Net utilized (a) + (b) + (c) ...	...	...	...	920
Lower Jhelum Canal.	Main Line	8·9	7·4	3,750	3,058
	Northern Branch	7·0	5·5	1,750	1,556
	Southern Branch	5·5	4·0	1,274	938
	Southern Feeder	5·7	5·45	390	358
	Main Line Distributaries	...	...	...	162
	Loss in Main Line	...	...	...	44
	Total ...	...	...	...	3,058
	Deduct Escapage	...	...	...	4
	Net utilized ...	...	...	...	3,054

of 1917-18 up to 28th February 1918 – continued.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* February 1918.	Area irrigated *to end of* February 1918.	Area irrigated *to end of* February 1917.	
6	7	8	9	10	11	12	13	14	15
Lahore ...	1,467	...	...	...	Wheat ...	1,996	203,985	155,440	The canal was in flow for 17 days during the month.
Montgomery...	246,563	...	...		Barley ...	28	4,645	3,545	
Multán ...	90,471	...		...	Mixed grain ...	19	2,373	843	
					Sarson ...	10	22,996	29,796	
					Gram ...	167	7,989	6,112	
					Senji	102	5,362	3,766	
					Miscellaneous	952	83,291	69,437	
					Sugarcane* ...		7,860	2,809	
...	338,501	...	...	...	...	3,274	338,501	271,798	
Lahore ...	768		...	...	Wheat ...	10,028	67.408	73,677	The canal was in flow for 17 days during the month.
Gujránwála ...	120,619	12	0·69	0·16	Barley ...	192	1.742	2.486	
Siálkot ...	4.271	12	1·11	0·09	Mixed grain ...	578	2,544	3.015	
Lyallpur	16,270	3	1·5	...	Sarson and toria	479	9,540	7,846	
Area under sugarcane.	6,791	...	...	...	Gram ...	1,042	6,345	8,706	
					Senji ...	741	6,831	6.717	
					Miscellaneous	4,540	47,618	50,500	
					Sugarcane* ...	...	6,791	7,749	
...	148,719	...	...	..	...	17,600	148,719	160,696	
Gujránwála ...	287,555	30	0·86	0·09	Wheat ...	11,135	908,995	913,332	The canal was in flow throughout the month.
Jhang ...	200,378	30	0·46	...	Barley ...	289	15,178	15,598	
Lyallpur ...	1,046,860	13	0·50	0·05	Mixed grain ...	372	29,860	22,372	
Area under sugarcane.	67,438	..	...	...	Sarson and toria	569	215,275	233,802	
					Gram ...	3,464	95.783	90,609	
					Senji ...	4,614	104,310	107,879	
					Miscellaneous	6,741	161,931	181,827	
					Sugarcane* ..	...	67,438	62,422	
					Gram and toria	...	3,463	...	
...	1,602,231	...	...	...	...	27,184	† 1,602,231	1,627,841	
Shahpur ...	780	...	...	..	Wheat ...	7,915	76,581	61,362	The canal was in flow throughout the month.
Gujrát ...	107,629	..		..	Barley ..	385	1,793	1,240	
Area under sugarcane.	2,517	...	...	...	Mixed grain ...	6	181	252	
					Sarson and toria	174	13,020	5,420	
					Gram ...	111	1,065	471	
					Senji ...	117	384	346	
					Miscellaneous	993	15.385	7,515	
					Sugarcane* ...	...	2,517	244	
...	110,926	...	...	..	...	9,701	110,926	76,850	
Shahpur ...	457,730	15	0·77	0·25	Wheat ...	2,179	325,122	334,006	The canal was in flow for 18 days during the month.
Jhang ...	84,024	15	0·64	0·15	Barley ...	106	10,824	11,302	
Gujrát ...	7,256	...	...	...	Mixed grain...	...	..	...	
					Sarson and toria	...	63,169	70,580	
					Gram	343	7,603	7,380	
					Senji ..	1,208	11.224	10,685	
					Miscellaneous	3,887	119,822	131,932	
					Sugarcane* ...	...	8,246	6,109	
...	549,010	...	...	...	...	7,723	549,010	571,991	

* Sugarcane being irrigated in both seasons, the area sown and irrigated in the previous *kharif* is now included in the *rabi* statement.
† Includes 11,025 acres on account of temporary cultivation.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during February 1918. Depth in Canal at regulating gauge. Authorized maximum gauge.	Actual throughout February 1918.	Gross consumption, cubic feet, per second. Authorized full supply.	Actual average throughout February 1918.
1	2	3	4	5
MAJOR IRRIGATION WORKS—concluded.				
Upper Sutlej Inundation Canals. Lower Sohág and Pára Canal	7·0	...	1,420	...
Katora Canal	7·0	...	685	...
Khánwáh Canal	7·0	...	1,290	...
Upper Sohág Canal	7·0	...	1,540	...
Total ...	...	...	...	...
Sidhnai Canal	7·0	5·4	1,820	578
Subsidiary Canals	12·3	0·51	540	16
Total ...	..	..	...	...
Indus Inundation Canals	...	...	...	...
Total ...	...	...	...	...
Abstract—Major Irrigation Works—				
Western Jumna Canal	...	...	...	...
Sirhind Canal	...	...	...	...
Upper Bari Doab Canal	...	...	...	...
Lower Bari Doab Canal	...	...	...	...
Upper Chenab Canal	...	...	...	...
Lower Chenab Canal	...	...	...	...
Upper Jhelum Canal	...	...	...	...
Lower Jhelum Canal	...	...	...	...
Upper Sutlej Inundation Canals	...	...	...	...
Sidhnai Canal	...	...	...	...
Indus Inundation Canals	...	...	...	...
Total ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Shahpur Canals (Imperial). Eastern Station Canal	6·0	...	350	...
Western Station Canal	6·0	...	200	...
Sáhiwál Canal	8·0	...	550	...
Total ...	...	...	...	...

of 1917-18 up to 28th February 1918—continued.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* February 1918.	Area irrigated *to end of* February 1918.	Area irrigated *to end of* February 1917.	
6	7	8	9	10	11	12	13	14	15
Montgomery ...	222,629	24	0·45	...	Wheat ...	...	82.457	50.981	
Lahore ...	48,890		0·78	...	Barley ...	...	1,868	902	
					Mixed grain ...	...	62,220	49,563	
					Sarson ...	...	460	70	
					Gram ...	...	41,656	28,588	
					Senji ...	...	42	94	
					Miscellaneous	...	65,818	28,470	
					Total ...	...	254,521	158,668	
					Palever ...	...	16,998	12,348	
...	271,519	...	...	...	Grand Total ...	...	271,519	171,016	
Multán ...	183,519	56	0·68	...	Wheat ..	...	104,108	111,674	
					Barley ...	...	2,777	4,817	
					Mixed grain ...	...	154	...	
					Sarson ...	...	2,286	4,740	
					Gram ...	...	17,033	18,543	
					Senji ...	...	529	482	
					Miscellaneous	...	56,553	31,850	
					Sugarcane ...	...	79	57	
...	183,519	...	...	...	...	...	183,519	172,163	
D. G. Khan ...	63,168	10	0·23	...	Wheat ...	...	63,168	91,474	
					Barley ...				
					Mixed grain ...				
					Sarson				
					Gram ...				
					Senji ...				
					Miscellaneous				
					Sugarcane* ...				
...	63,168	...	...	...	...	...	63,168	91,474	
...	366,444	...	...	...	...	133,895	366,444	519,291	
...	445,425	...	...	...	...	160,526	445,425	866,148	
...	564,216	...	...	...	...	71,357	564,216	645,820	
...	338 501	...	...		...	3,274	338,501	271,798	
...	148,719	...	...	...	...	17,600	148,719	160,696	
...	1,602,231	...	...	...	...	27,184	1,602.231	1.627,841	
...	110,926	...	...	...	...	9,701	110,926	76,850	
...	549,010	...	...	...	...	7,723	549.010	571,994	
...	271,519	...	...	...	...	...	271,519	171,016	
...	183,519	...	...	...	...	...	183,519	172,163	
...	63,168	...	...	...	...	...	63,168	91,474	
...	4,643,678	...	..		...	431,260	4,643,678	5,175,091	
Shahpur ...	32,592	28	0·78	0·56	Wheat ...	...	25,806	28,005	
					Barley ...				
					Mixed grain ...				
					Sarson ...				
					Gram ...				
					Senji ...				
					Miscellaneous				
					Total ...	...	25,806	28,005	
					Palever ...	...	6,786	...	
...	32,592	...	...	...	Grand total ...	...	32,592	28,005	

*Sugarcane being irrigated in both seasons, the area sown and irrigated in the previous *kharif* is now included in the *rabi* statement.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during February 1918. Depth in Canal at regulating gauge. Authorized maximum gauge.	Actual throughout February 1918.	Gross consumption, cubic feet, per second. Authorized full supply.	Actual average throughout February 1918.
1	2	3	4	5
MINOR IRRIGATION WORKS—concluded.				
Lower Sutlej Inundation Canals	...	...	...	...
Chenab Inundation Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals. Northern Canal Head	7·0	...	790	...
Southern " "	6·5	...	520	...
Minor Channels	...	...	100	...
Total utilized ...	...	...	1,410	...
Bikaner Border.				
Northern Canal	6·0	...	235	...
Southern "	5·0	...	316	...
Total Bikaner ...	...	...	551	...
Utilized in British Territory	...	...	859	...
Total ...	...	...	1,410	...
Abstract—Minor Irrigation Works—				
Shahpur Canals (Imperial)	...	...	...	...
Lower Sutlej Inundation Canals	...	...	...	...
Chenab Inundation Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals	...	...	...	...
Total ...	...	...	...	...
Shahpur Canals (Provincial). Western Feeder, Raniwah Canal	7·0	...	520	...
Eastern " "	7·0	...	300	...
Corbynwah Canal	5·0	...	112	...
Total ...	...	...	...	...
Total Major Irrigation Works ...	...	...	...	...
Total Minor Irrigation Works ...	...	...	...	...
Total Major and Minor Irrigation Works (Imperial)	...	...	...	...
Shahpur Inundation Canals (Provincial)	...	...	...	...
Grand Total ...	...	...	...	...

Lahore:
The 26th March 1918.

of 1917-18 up to 28th February 1918—concluded.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* February 1918.	Area irrigated *to end of* February 1918.	Area irrigated *to end of* February 1917.	
6	7	8	9	10	11	12	13	14	15
} Multán ...	{ 256,274	56	0·61	...	...	...	256,274	236,256	
	133,105	56	0·63	...	...	...	133,105	124,085	
Muzaffargarh	255,231	5	0·89	0·10	...	...	255,231	234,857	
Hissar ...	12,122	...	...	...	Wheat ...	...	5,276	7,930	
Bikáner State	5,804	...	...	...	Barley ...	...	1,841	2,053	
					Mixed grain ...	...	2,185	7,332	
					Sarson ...	...	280	680	
					Gram ...	...	3,983	7,235	
					Senji ...	...	...	...	
					Miscellaneous	...	1,385	1,682	
					Total ...	...	14,950	26,912	
					Palever ...	...	2,976	4,710	
...	17,926	...	...	...	Grand Total ...	...	17,926	31,622	
...	32,592	...	...	...	...	...	32,592	28,005	
...	256,274	...	...	...	...	...	256,274	236,256	
...	133,105	...	...	...	...	...	133,105	124,085	
...	255,231	...	...	...	...	...	255,231	234,857	
...	17,926	...	...	...	...	...	17,926	31,622	
...	695,128	...	...	...	...	...	695,128	654,825	
} Shahpur ...	11,978	28	0·78	0·56	Wheat ... }	...	10,103	12,981	
					Barley ...				
					Mixed grain ...				
					Sarson ...				
					Gram ...				
					Senji ...				
					Miscellaneous				
					Total ...	...	10,103	12,981	
					Palever ...	...	1,875	...	
...	11,978	...	...	...	Grand Total ...	...	11,978	12,981	
...	4,643,678	...	...	...	...	431,260	4,643,678	5,175,091	
...	695,128	...	...	...	...	...	695,128	654,825	
...	5,338,806	...	...	...	...	431,260	5,338,806	5,829,916	
...	11,978	...	...	...	...	...	11,978	12,981	
...	5,350,784	...	...	...	...	431,260	5,350,784	5,842,897	

A. SAM. CORRIGAN,

Assistant Secretary to Government, Punjab,

P. W. D., Irrigation Branch.

QUARTERLY FINANCIAL STATEMENT OF CENTRAL CO-OPERATIVE SOCIETIES FOR PART

LIABILITIES AND QUASI LIABILITIES.

Name of Bank.	Outside the Movement.				Within the Movement.						Undrawn liabilities, e.g., cash credit account guaranted by the Provincial Banks to Central Banks or to Societies, and by Central Banks to other Central Banks or Societies.	
	Deposits, fixed, current or Savings Banks, by non-members or by members in an individual capacity.	Debentures.	Overdrafts from outside banks, e.g., Presidency or Joint Stock.	Other items.	Fixed deposits or loans received from Societies or Central Banks or Provincial Bank.	Drawn portion of cash credit with Provincial Bank.	Savings Bank or current accounts held in favour of Societies or Central Banks.	Reserve fund of Bank itself.	Paid up share capital.	Other items.	To cover deposits.	For loan transactions.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.	Rs.
I.—Central Banks.												
1. Jullundur Central Co-operative Bank, Limited.	6,24,134	...	...	..	...	–	...	74,500	1,34,316	...	...	...
2. Gurdaspur Central Co-operative Bank, Limited.	2,38,968	...	70,905	...	2,401	...	730	16,824	99,350	17,374	...	...
3. Gujrat Central Co-operative Bank, Limited.	96,537	...	1,000	..	...	...	7,392	4,820	31,600	6,892	...	...
4. Sargodha Central Co-operative Bank, Limited.	76,875	...	43	...	33,053	...	...	8,875	54,395	5,183	...	...
5. Hoshiarpur Central Co-operative Bank, Limited.	11,490	...	...	...	55,490	...	...	5,483	47,650	1,595	...	...
6. Sialkot Central Co-operative Bank, Limited.	81,526	...	...	311	8,719	...	909	6,100	41,490	29	...	...
7. Pasrur Central Co-operative Bank, Limited.	34,134	...	10,032	...	5,560	...	...	2,670	35,460	3,591	...	...
8. Kila Sardar Harnam Singh Central Co-operative Bank, Limited.	9,568	...	...	...	1,046	...	...	1,100	15,900	1,037	...	...
9. Ambala Central Co-operative Bank, Limited.	1,80,329	...	...	...	5,000	...	...	17,538	1,07,795	2,481	...	...
10. Gujranwala Central Co-operative Bank, Limited.	73,884	...	49,108	...	65,743	...	...	6,092	3[illegible],725	6,325	...	...
11. Rawalpindi Central Co-operative Bank, Limited.	79,881	...	...	...	...	...	...	1,000	23,913	4,682	...	...
12. Jhang Central Co-operative Bank, Limited.	5,939	...	...	...	2,600	...	...	2,531	13,705	...	...	...
13. Jhelum Central Co-operative Bank, Limited.	...	...	...	...	...	...	1,318	1,995	7,760	390	...	...
14. Chakwal Central Co-operative Bank, Limited.	2,000	...	...	...	..	...	...	10,739	38,272	...	...	...
15. Pind Dadan Khan Central Co-operative Bank, Limited.	420	...	...	...	...	...	...	2,000	22,480	1,740	...	...
16. Lyallpur Central Co-operative Bank, Limited.	1,26,806	...	45,311	...	87,553	...	...	11,500	41,925	690	...	...
17. Rohtak Central Co-operative Bank, Limited.	1,47,535	..	..	...	35,000	...	...	5,147	50,450	8,703	...	...
18. Fazilka Central Co-operative Bank, Limited.	9,630	...	...	...	20,303	...	...	1,250	74,899	4,000	...	...
19. Lahore Central Co-operative Bank, Limited.	7,02,790	...	41,648	..	...	...	...	22,000	76,050	24,834	...	...
20. Sirsa Central Co-operative Bank, Limited.	10,010	...	..	40,000	1,451	...	...	306	22,575	2,141	...	...
21. Muzaffargarh Central Co-operative Bank, Limited.	20,323	...	...	...	1,326	...	...	63	4,300	300	...	...
22. Ludhiana Central Co-operative Bank, Limited.	9,327	...	...	...	2,263	...	1,177	15	9,900	...	...	...
23. Montgomery Central Co-operative Bank, Limited.	...	...	...	...	...	...	...	...	7,675	...	...	...
II.—Unions.												
1. Madar (Jullundur District) ...	18,334	...	...	...	1,12,585	...	...	10,947	14,575	...	...	...
2. Gumtal (Gurdaspur District) ...	...	...	33,771	...	34,697	...	...	1,190	3,700	481	...	...
3. Kila Afghanan (Gurdaspur District) ..	37,767	...	10,133	..	11,869	...	...	2,807	5,800	3,664	...	...
4. Bhan (Gurdaspur District) ...	9,300	...	...	...	45,700	...	2,255	1,092	6,600	137	...	...
5. Bhaini Meiwan (Gurdaspur District) ...	584	...	40,730	...		...	...	1,011	3,200	...	...	...
6. Sajowal (Gurdaspur District) ...	7,600	...	39,522	246	...	...	...	1,701	2,600	423	...	...
7. Mandowal (Gurdaspur District) ...	3,649	...	39,335	...	20,625	...	...	2,025	3,500	270	...	...
8. Khanna (Gurdaspur District) ...	1,227	...	53,828	...	...	...	...	1,942	3,200	734	...	...
9. Bhangwan (Gurdaspur District) ...	100	...	27,907	...	...	...	...	829	2,520	...	...	...
10. Lakhan Khurd (Gurdaspur District) ...	821	...	12,643	...	471	...	...	137	1,300	...	...	...
11. Pajjo Deota (Hoshiarpur District) ...	23,588	...	...	...	...	...	...	686	3,673	8	...	...
12. Chotala (Hoshiarpur District) ...	3,170	...	24,110	...	9,125	...	...	2,265	3,697	...	...	...
13. Kandhala Shekhan (Hoshiarpur District)	31,100	...	28,134	...	78,093	...	...	886	5,369	...	...	...
14. Nun (Hoshiarpur District) ...	170	...	...	...	28,936	...	...	298	2,900	...	...	...
15. Mukerian (Hoshiarpur District) ...	...	...	...	...	92,524	...	...	1,722	3,825	850	...	...
16. Pindi Chiman (Shahpur District) ...	10	...	1,648	...	...	...	...	2,091	1,925	44	...	...
17. Longowal (Gujranwala District) ...	3,049	...	...	...	51,300	..	...	3,546	9,100	...	...	...
18. Ram Diwali (Amritsar District) ...	9,465	...	44	...	3,336	...	...	985	12,500	498	...	...

QUARTER COMMENCING 1ST AUGUST 1917 AND ENDING 31ST OCTOBER 1917.

I.

ASSETS AND QUASI-ASSETS.

Outside the movement.						Within the movement.								Rates of interest on which money is usually			
Cash in hand and in outside Banks.	Government paper.	Post Office Savings Bank deposits.	Other investments of a liquid nature in outside concerns.	Undrawn balance of assured cash credit. With Presidency or Joint Stock Bank.	Undrawn balance of assured cash credit. With Provincial Bank.	Loans to Agricultural Societies.	Loans to Non-Agricultural Societies.	Loans or deposits due to the Central Bank by the Provincial Bank or other Central Banks.	Loans and deposits due to Provincial by Central Banks.	Uncalled share capital.	Guaranteed share capital.	Other investments inside the movement.	Net profit of past year.	Borrowed.	Lent.	Last Dividend declared.	Remarks.
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent	Per cent	
72,790	74,500	...	...	30,000	...	6,85,660	...	...	...	...	...	...	22,355	3½ to 6	8	12	
6,187	...	...	19,375	29,095	...	4,14,632	1,055	...	...	...	...	5,303	13,122	6	8	7	
1,382	8,881	16	3,076	29,000	...	1,34,864	...	...	...	68,400	...	22	1,921	6	8	6	
2,000	33,490	...	5,083	49,957	...	1,35,819	...	...	...	27,200	...	1,926	5,778	6	8	7	
8,299	...	...	...	...	...	1,13,410	...	...	...	27,350	...	...	4,366	7	8	...	
1,501	29,422	...	500	...	...	92,661	...	...	...	...	...	15,000	5,544	5, 6 and 7	8 and 9	9	
1,678	...	4,190	...	10,451	...	59,558	...	...	...	...	...	15,570	3,892	5 and 6	8 and 9	9	
1,214	...	...	2,500	...	...	24,937	...	...	...	...	...	...	1,423	6	8	6	
1,408	12,850	28	1,303	...	...	2,97,409	...	...	...	72,000	...	...	13,127	5 and 6	8	8	
1,152	6,800	...	...	892		2,32,925	...	...	...	49,675	...	...	7,924	6 and 7	9	10	
7,373	...	...	...	...	...	1,01,556	...	...	...	76,087	...	567	2,824	5, 6 and 7	8	7	
217	...	249	...	...	...	24,309	...	...	...	...	...	...	2,027	6	8	6	
2,220	...	...	1,995	...	...	7,248	...	...	...	92,240	...	...	546	...	8	...	
322	...	...	8,471	...	...	44,083	...	...	...	6,328	...	...	1,892	4	8	4	
5,763	...	...	105	...	...	20,772	...	...	...	...	...	...	1,657	4	8	5	
1,647	...	...	53,279	54,689	...	2,43,859	...	15,000	...	1,25,775	...	...	11,222	6 and 7	8	10	
4,453	5,000	...	...	...	...	2,37,382	...	...	...	49,550	...	...	6,802	7	8	8	
1,168	4,051	...	...	...	...	1,05,364	...	...	...	25,101	...	...	10,517	6	8	...	
2,298	1,18,087	...	1,000	23,352	...	6,20,560	4,800	1,17,739	...	23,950	...	2,838	15,290	3½ to 6½	7 and 8	8	
452	...	...	...	...	...	74,452	...	...	...	...	...	1,578	2,172	6 and 7	9	7	
11,331	1,325	...	...	...	...	13,720	...	...	...	...	...	...	307	6½	9	4	
3,810	...	...	...	...	...	18,768	...	...	...	...	...	...	77	7	8	...	
889	...	...	...	...	...	4,900	...	...	...	...	...	...	11	7	8	...	
6,412	2,000	1,550	...	30,000	...	1,39,822	...	...	...	...	...	...	2,129	6	8	...	
2,749	1,190	...	...	16,229	...	69,724	...	...	...	...	...	176	1,417	6	8	...	
898	2,807	...	...	64,867	...	68,178	...	...	...	...	...	157	2,490	6	8	...	
97	750	...	...	...	...	63,987	...	...	...	...	...	250	504	7	8	...	
935	...	...	...	9,270	...	44,061	...	...	...	...	...	...	1,043	6	8	7	
1,078	1,699	...	...	10,478	...	48,964	...	...	...	...	...	103	948	6	8	...	
1,951	2,025	...	...	10,665	...	65,428	...	...	...	...	...	...	1,051	6 and 7	8	...	
251	29	...	...	21,172	...	56,809	...	1,942	...	...	...	...	1,188	6	8	...	
1,500	...	...	...	12,093	...	29,314	...	...	...	6,180	...	...	575	6	8	...	
602	100		...	17,357	...	14,906	...	...	...	...	...	...	268	6	8	...	
2,633	...	...	...	...	...	23,635	...	...	...	...	...	...	481	...	...	...	
1,582	...	...	...	...	...	38,309	1,000	...	...	...	...	341	1,308	6 and 7	8	...	
2,844	...	...	...	1,866	...	1,33,995	3,517	...	...	451	...	...	1,717	6, 7 and 8	8	6	
1,917	...	...	...	...	...	29,699	...	...	...	...	...	...	−565	8	8	...	
4,488	...	...	...	...	...	94,433	...	...	...	...	...	...	484	8	8	...	
71	...	...	...	28,352	...	5,321	...	...	...	2,400	...	...	−326	6	8	...	
621	...	1,550	...	...	...	61,999	...	...	...	...	...	...	2,925	6	9	...	
1,831	985	...	...	14,956	...	23,435	400	...	...	...	...	177	908	6	8	7	

PART II.

Name of Bank.	Deposit or debentures of the kind dealt with in columns 2 and 3 of Part I						Repayment of loans by Societies.		
	On current or Savings Bank Account.	Deposits for not more than three months.	Other deposits and debentures falling due				Estimated.		Actual in 12 months preceding present quarter.
			In 12 months from commencement of present quarter.	In next 12 months.	In 12 months following.	In subsequent years.	In 12 months from commencement of present quarter.	In next 12 months.	
1	2	3	4	5	6	7	8	9	10
I.—Central Banks.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.
1. Jullundur Central Co-operative Bank, Limited.	64,649	...	3,18,847	2,40,638	...	...	2 36,977	2,52,625	2,15,361
2. Gurdáspur Central Co-operative Bank, Limited.	10,187	...	2,27,040	1,641	...	100	7 ,318	70,212	83,607
3. Gujrát Central Co-operative Bank, Limited.	413	...	80,669	14,360	...	1,095	8[illegible],237	40,000	11,857
4. Sargodha Central Co-operative Bank, Limited (Shahpur District).	14,181	12,800	49,894		...	...	70,342	52,475	52,353
5. Hoshiárpur Central Co-operative Bank, Limited.	...	1,041	10,449	...	...	...	1,06,906	6,504	...
6. Siálkot Central Co-operative Bank, Limited.	2,561	960	85,650	...	...	42,335	46,331	46,331	70,726
7. Pasrúr Central Co-operative Bank, Limited (Siálkot District).	2,363	31,771	...	...	...	...	13,000	12,000	26,999
8. Kila Sardar Harnám Singh Central Co-operative Bank, Limited (Siálkot District).	...	...	9,568	...	...	...	6,000	600	10,568
9. Ambala Central Co-operative Bank, Limited.	24,826	60,430	88,225	5,848	1,000	...	2,97,409	...	32,688
10. Gujránwála Central Co-operative Bank, Limited.	...	...	25,790	22,898	14,910	10,286	1,65,700	67,225	60,192
11. Ráwalpindi Central Co-operative Bank, Limited.	...	...	71,781	81,000	...	...	1,01,557	...	...
12. Jhang Central Co-operative Bank, Limited.	5,939	...	...	...	...	...	1,175	...	13,416
13. Jhelum Central Co-operative Bank, Limited.	...	...	...	...	...	...	2,200	3,500	1,176
14. Chakwál Central Co-operative Bank, Limited (Jhelum District).	...	...	...	...	2,000	...	11,000	1,000	15,287
15. Pind Dádan Khan Central Co-operative Bank Limited.	...	...	286	...	...	134	2,900	2,000	904
16. Lyallpur Central Co-operative Bank, Limited.	66,756	15,950	44,100	...	...	...	...	...	..
17. Rohtak Central Co-operative Bank, Limited.	6,083	...	1,25,035	14,417	2,000	...	1,00,000	50,000	79,650
18. Fazilka Central Co-operative Bank, Limited.	...	...	6,630	3,000	...	...	9,423	25,450	11,659
19. Lahore Central Co-operative Bank, Limited.	4,231	7,181	5,17,295	1,26,955	47,127	...	6,04,560	16,000	1,75,279
20. Sirsa Central Co-operative Bank, Limited.	...	...	9,010	...	1,000	...	66,777	7,675	...
21. Muzaffargarh Central Co-operative Bank, Limited.	12,623	...	7,700	...	...	...	9,420	4,300	800
22. Ludhiana Central Co-operative Bank, Limited	267	...	9,060	...	...	...	2,233	...	...
23. Montgomery Central Co-operative Bank, Limited.	...	...	...	...	...	...	...	...	...
II.—Unions.									
1. Madar (Jullundur District)	...	...	18,834	...	..	...	93,215	46,607	38,764
2. Gumtala (Gurdáspur) District		...	...	...	...	...	5,000	4,000	9,819
3. Kala Afghána (Gurdáspur District).	...	...	37,767	..	...	...	10,000	...	26,125
4. Bham (Gurdáspur District)	...	...	9,300	...	...	...	13,000	...	14,857
5. Bheni Melwan (Gurdáspur District).	...	...	...	48	36	500	11,481	8,300	15,806
6. Sujowal (Gurdáspur District)	6,400	...	1,200	...	...	...	10,000	12,000	11,561
7. Mardowal (Gurdáspur District).	149	...	3,500	...	...	...	15,192	4,500	4,500
8. Khanna (Gurdaspur District)	..	1,227	...	...	...	...	20,000	17,000	24,000
9. Bhangwan (Gurdaspur District).	...	...	100	...	...	...	12,000	10,000	10,889
10. Lakhan Khurd (Gurdaspur District).	..	...	600	...	...	221	4,550	3,940	8,128
11. Pajjodeota (Hoshiarpur District).	...	...	12,278	11,310	...	...	15,335	8,300	...
12. Chotala (Hoshiárpur District)	...	...	3,170	...	...	...	39,309	...	2,831
13. Kandhala Sheikhan (Hoshiarpur District).	...	...	31,100	...	...	...	19,425	1,18,087	...
14. Nun (Hoshiárpur District).	...	...	170	...	...	...	4,000	25,699	...
15. Mukerian (Hoshiárpur District).	...	...	...	...	...	...	22,189	72,244	...
16. Pindi Chiman (Shahpur District).	...	...	...	10	...	...	...	4,500	18,636
17. Longowal (Gujránwála District).	3,049	...	...	...	...	...	...	...	...
18. Ram Diwali (Amritsar District).	...	...	6,586	...	...	2,879	10,000	...	11,449

PART III.

Name of Bank.	Portion of deposits or debentures of the kind dealt with in columns 2 and 3 of Part I falling due in each quarter in 12 months from commencement of present quarter (4th column of Part II).				Repayment of loans by Societies estimated in each quarter in 12 months from commencement of present quarter (column 8 of Part II).			
	I quarter.	II quarter.	III quarter.	IV quarter.	I quarter.	II quarter.	III quarter.	IV quarter.
I.—Central Banks.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Jullundur Central Co-operative Bank, Limited.	80,435	78,940	82,125	77,347	62,325	75,638	55,230	43,784
2. Gurdaspur Central Co-operative Bank, Limited.	77,061	50,834	83,051	16,094	22,317	13,715	28,212	11,974
3. Gujrat Central Co-operative Bank, Limited.	19,023	12,625	45,989	3,032	11,856	36,269	13,112	25,000
4. Sargodha Central Co-operative Bank, Limited.	12,075	12,100	9,000	16,719	13,947	25,481	14,296	16,618
5. Hoshiarpur Central Co-operative Bank, Limited.	3,244	2,128	5,077	...	...	10,422	3,484	...
6. Sialkot Central Co-operative Bank, Limited.	21,768	4,916	8,816	150	17,876	3,225	22,101	3,129
7. Pasrur Central Co-operative Bank, Limited.	3,650	7,729	18,581	1,811	5,000	2,000	4,000	2,000
8. Kila Sardar Harnam Singh Central Co-operative Bank, Limited.	9,568	...	...	...	500	2,000	1,500	2,000
9. Ambala Central Co-operative Bank, Limited.	...	52,229	16,154	19,841	2,68,149	1,120	22,340	5,800
10. Gujranwala Central Co-operative Bank, Limited.	4,890	4,260	6,890	9,750	45,600	44,590	23,560	51,950
11. Rawalpindi Central Co-operative Bank, Limited.	12,626	15,178	24,584	19,392	1,01,567	...	...	...
12. Jhang Central Co-operative Bank, Limited.	...	...	...	...	500	...	...	675
13. Jhelum Central Co-operative Bank, Limited.	...	...	...	...	800	225	900	275
14. Chakwal Central Co-operative Bank, Limited.	...	...	...	...	900	1,000	600	8,500
15. Pind Dadan Khan Central Co-operative Bank, Limited.	62	62	62	100	1,000	1,000	500	400
16. Lyallpur Central Co-operative Bank, Limited.	9,675	29,905	4,520	...	...	...	...	...
17. Rohtak Central Co-operative Bank, Limited.	46,669	...	...	...	1,000	2,222	5,101	1,100
18. Fazilka Central Co-operative Bank, Limited.	6,130	27,450	44,764	6,152	8,000	25,000	60,000	7,000
19. Lahore Central Co-operative Bank, Limited.	88,107	93,431	2,14,915	1,20,842	98,223	1,00,343	1,62,194	2,43,800
20. Sirsa Central Co-operative Bank, Limited.	...	9,010	...	...	...	24,767	...	42,010
21. Muzaffargarh Central Co-operative Bank, Limited.	1,000	...	5,500	1,200	2,000	1,900	3,320	2,200
22. Ludhiana Central Co-operative Bank, Limited.	8,000	...	...	1,060	2,233	...	...	...
23. Montgomery Central Co-operative Bank, Limited.	...	...	...	...	...	...	...	...
II.—Unions.								
1. Madar (Jullundur District) ...	...	...	14,385	4,449	22,415	19,655	34,683	16,431
2. Gumtala (Gurdaspur District ...	...	...	...	...	1,000	2,000	1,000	1,000
3. Kala Afghanan (ditto) ...	...	13,000	1,500	23,267	3,000	200	2,800	4,000
4. Bham (ditto) ...	...	...	...	9,300	1,000	5,000	1,000	6,000
5. Bheni Melwan (ditto) ...	...	...	...	...	347	...	10,400	734
6. Sujowal (ditto) ...	...	...	1,200	...	3,000	3,000	3,000	1,000
7. Mardowal (ditto) ...	...	...	...	3,500	1,736	8,576	3,132	1,748
8. Khanna (ditto) ...	...	...	...	...	5,000	5,000	5,000	5,000
9. Bhangwan (ditto) ...	...	...	...	100	4,000	2,000	5,000	1,000
10. Lakhan Khurd (ditto) ...	...	600	...	...	2,291	...	2,259	...
11. Pajjo Deota (Hoshiarpur District) ...	...	...	5,278	7,000	...	3,000	5,000	7,335
12. Chotala (ditto) ...	...	...	...	3,170	...	...	...	39,309
13. Kandhala Sheikhan (ditto) ...	31,000	100	...	...	9,425	2,000	8,000	...
14. Nun (ditto) ...	170	...	...	...	...	...	...	4,000
15. Mukerian (ditto) ...	...	...	...	...	22,183	...	...	...
16. Pindi Chiman (Shahpur District) ...	...	...	...	...	...	...	...	...
17. Longowal (Gujranwala District) ...	...	...	...	...	...	...	...	...
18. Ram Diwali (Amritsar District) ...	191	231	4,700	1,464	1,800	300	3,900	4,000

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 16th March 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	8	4	12	9	6	3	...	...	...	5	...	1	...	3	2	1	3	36	27	1
2		Hánsi ...	14,576	9	5	14	13	3	10	...	...	6	1	1	...	1	4	1	1	2	50	46	2
3		Bhiwáni ...	31,100	10	9	19	81	36	45	...	2	45	4	2	6	...	22	5	3	8	32	136	3
4		Sirsa ...	14,629	2	2	4	11	8	3	...	...	...	6	...	2	...	3	2	1	3	14	39	4
5	Rohtak ...	Rohtak ...	19,862	5	4	9	8	2	6	...	1	...	4	...	2	...	1	...	1	1	24	21	5
6		Jhajjar ...	10,617	2	5	7	7	1	6	...	3	1	...	...	2	...	1	...	2	2	34	34	6
7		Sonepat ...	12,014	4	5	9	4	4	...	...	...	...	1	1	...	...	2	1	...	1	39	17	7
8	Gurgaon ...	Rewári ...	24,780	5	12	17	22	11	11	...	...	8	1	3	5	...	5	1	...	1	36	46	8
9	Karnál ...	Karnál ...	21,018	7	9	16	9	4	5	...	...	...	4	1	1	...	3	2	3	5	39	22	9
10		Kaithal ...	12,912	6	6	12	2	1	1	...	...	...	1	1	...	...	...	...	...	...	49	8	10
11		Pánipat ...	26,342	6	12	18	11	7	4	...	2	...	5	...	2	...	2	1	...	1	36	32	11
12		Shahabad ...	11,054	7	3	10	7	4	3	...	4	...	...	...	2	...	1	...	...	...	48	33	12
13	Ambála ...	Ambála ...	24,498	3	8	11	20	8	12	...	...	10	2	...	5	...	3	...	1	1	23	43	13
14		Jagádhri ...	12,045	4	3	7	11	7	4	...	...	...	2	...	4	...	5	...	...	...	30	48	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	7	6	13	8	4	4	...	...	1	4	...	2	...	1	...	...	...	40	24	15
16	Jullundur ...	Jullundur ...	55,354	19	17	36	34	16	18	...	...	7	12	2	7	1	5	6	4	10	34	32	16
17	Ludhiána ...	Ludhiána ...	43,152	15	17	32	80	37	43	...	...	33	27	3	9	...	8	2	5	7	39	97	17
18		Jagráon ...	15,039	10	6	16	57	35	22	...	...	45	7	...	2	...	3	3	...	3	56	199	18
19	Ferozepore ...	Ferozepore ...	24,676	4	7	11	9	5	4	...	...	...	2	...	4	...	3	1	1	2	23	19	19
20		Fázilka ...	10,985	8	6	14	15	5	10	...	...	2	7	...	3	...	3	2	2	4	67	71	20
21	Lahore ...	Lahore ...	210,271	59	63	122	143	79	64	...	...	21	69	5	30	2	16	14	13	27	30	35	21
22		Kasúr ...	24,783	8	14	22	20	11	9	...	...	9	6	...	2	...	3	1	1	2	46	42	22
23	Amritsar ...	Amritsar ...	151,839	57	45	102	131	71	60	...	...	31	37	6	44	2	11	4	4	8	35	45	23
24	Gurdáspur ...	Batála ...	26,430	9	14	23	23	15	8	...	...	9	8	...	4	...	2	1	1	2	46	46	24
25	Siálkot ...	Siálkot ...	48,595	12	13	25	19	8	11	...	...	...	7	...	3	...	9	2	3	5	27	20	25
26	Gujránwála	Gujránwála ...										Statements not received.											26
27		Wazírabad ...																					27
28	Gujrát ...	Gujrát ...	18,692	6	7	13	6	2	4	...	...	1	2	...	2	...	1	1	1	2	36	17	28
29		Jalálpur ...	11,615	4	3	7	3	1	2	...	...	...	1	...	1	...	1	...	1	1	31	13	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	34
30	Shahpur ...	Bhera ...	15,202	9	5	14	2	1	1	...	...	...	1	...	...	...	1	...	...	...	48	7	30
31		Khusháb ...	10,159	2	2	4	8	3	5	...	...	...	2	...	2	...	4	2	...	2	20	41	31
32	Jhelum ...	Jhelum ...	12,298	3	2	5	2	1	1	...	...		2	..	...	...		...	...	...	21	8	32
33		Pind Dádan Khan	10,590	4	2	6	16	12	4	...	...	7	3	..	1	...	5	3	1	4	30	79	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	16	17	33	17	10	7	...	...	...	7	1	4	...	5	6	3	9	37	19	34
35	Lyallpur ...	Lyallpur ...	19,578	3	...	3	2	2	...	...	...	...	...	...	1	...	1	1	...	1	8	5	35
36	Jhang ...	Jhang-Maghiána	25,914	14	12	26	16	12	4	...	...	...	8	4	...	...	4	6	1	7	52	32	36
37		Chiniot ...	14,085	13	11	24	9	5	4	...	...	...	4	1	...		4	1	3	4	88	33	37
38	Multán ...	Multan ...	85,747	16	27	43	257	146	111	...	1	155	40	2	13	...	46	5	7	12	26	156	38
	Grand Total ...		1,150,732	376	383	759	1,092	583	509	...	13	391	292	33	166	6	191	76	64	140	34	49	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934						Statement not received.														
	Dharmsála	... ...	2,518	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ..	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 16th March 1918 there were 759 births registered in the 36 large municipal towns (376 males and 383 females), giving a birth rate of 34 *per mille* of population, and 1,092 deaths were registered (583 males and 509 females), giving a death rate of 49 *per mille* of population. The death rates registered in the three largest towns were as follows:—Lahore 35 against 33 in the corresponding week of the previous year, Amritsar 45 against 34 and Multán 156 against 33.

There were 4 deaths registered from small-pox in Shahabad, 3 in Jhajjar, 2 each in Bhiwáni and Pánipat and 1 each in Rohtak and Multán. Of the 391 deaths from plague, 155 were reported in Multán, 45 each in Bhiwáni and Jagraon, 33 in Ludhiána, 31 in Amritsar, 21 in Lahore, 10 in Ambála, 9 each in Kasúr and Batála, 8 in Rewári, 7 each in Jullundur and Pind Dádan Khan, 6 in Hánsi, 2 in Fázilka and 1 each in Jhajjar, Hoshiárpur and Gujrát.

Sanitary Commissioner's Office,
Lahore:
The 26th March 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

2714 PGG—690—29-3-18—SGPP Lahore.

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SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

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No. 14.] LAHORE, FRIDAY, APRIL 5, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 2nd April 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
1	Hissár ...	0·09 at Sadr ... 0·11 at Hánsi.	1. Sufficient ... 2. (b) Water in perennial canals sufficient. 3. Good.	Wheat, 8½ ... Bajra, 10½. Gram, 12½. Bejhar, 12. Prices between normal and scarcity rates.	Standing crops average. Reaping of sarshaf continues and of gram commenced. Yield of former below normal and of latter normal.	...
2	Rohtak ...	...	1. Scarce in parts of Gohána and Jhajjar Tahsils. 2. (a) Sufficient. 3. Generally good.	Wheat, 8¼ ... Gram, 12½. Barley 12. Jowar, 13. Bajra, 10. Prices between normal and scarcity rates.	Standing irrigated wheat and other crops generally good and unirrigated average. Barley, gram and rapeseed being reaped. Expected yield normal to good.	Sowings of sugarcane continue and are normal. Germination good.

7 PGG

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
3	Gurgáon ...	0·07 at Sadr ... 0·10 at Rewári. 0·19 at Núh. 0·27 at Palwál.	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 8 to 9½ ... Barley, 12 to 15½. Gram, 12 to 15. Jowar, 8 to 10. Bajra, 9½ to 16. Maize, 11 to 13. Prices between normal and scarcity rates.	Condition and expected yield of wheat is good. Barley and sarshaf being reaped.	...
4	Ambála ...	0·03 at Rúpar.	1. Scarce ... 2. (a) Sufficient. (b) Adequate. 3. Good.	Wheat, 9 ... Gram, 12½. Barley, 12. Maize, 12½. Bajra, 10. Prices between normal and scarcity rates.	Reaping of gram continues. Yield normal. Standing irrigated crops fair and unirrigated below average.	...
5	Jullundur ...	1·09 at Sadr ... 0·33 at Nakodar. 0·11 at Phillaur.	1. Inadequate ... 2. (a) Adequate. 3. Generally good.	Wheat, 8 ... Barley, 11½ Gram, 9. Maize, 11. Bajra, 10. Prices between normal and scarcity rates or at above scarcity rates.	Rain was beneficial for sowing of extra spring crops. Standing irrigated crops good and unirrigated poor to fair. Sowings of extra spring crops continue and are normal.	Rain was beneficial for sowings.
6	Ferozepore ...	0·05 at Sadr ... 0·15 at Fázilka. 0·15 at Moga.	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 8¾ ... Gram, 11. Prices between warning and scarcity rates.	Standing irrigated crops good and unirrigated average. Sowings of extra spring crops continue and are normal. Barley being reaped.	Sugarcane and cotton being sown. Area sown normal.
7	Lahore ...	1·07 at Sadr ...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10¼. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Reaping of rapeseed and taramira continues. Yield below normal. Extra spring crops being sown on irrigated area to some extent.	...
8	Amritsar ...	0·57 at Sadr ... 1·43 at Tarn Táran. 0·51 at Ajnála.	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 9½ ... Barley, 12. Gram, 10¼. Maize, 9½. Jowar, 8. Bajra, 9⅞. Prices generally between warning and scarcity rates.	Standing crops average ...	Sowings of sugarcane continue and are below normal.
9	Siálkot ...	0·57 at Sadr ... 0·45 at Zafarwál. 0·37 at Pasrúr. 0·35 at Daska.	1. Dry fodder scarce; green procurable. 2. (a) Sufficient. (b) Canal closed. 3. Good.	Wheat, 7½ to 8½ ... Barley, 12 to 12½. Maize, 10. Gram, 8½ to 9. Prices between warning and scarcity rates or at above scarcity rates.	Standing crops good. Threshing of barley and rapeseed commenced. Yield normal.	Sowings in progress and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
10	Shahpur ...	0·06 at Sadr ... 0·15 at Shahpur. 0·06 at Khusháb.	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Good.	Wheat, 8½ to 10½ ... Gram, 11 to 12. Maize, 10 to 11. Bajra, 11½ to 12. Prices generally between warning and scarcity rates.	Condition of wheat and other crops is average. Gram is above average on unirrigated area in Khusháb Tahsil. Sowings of extra spring crops continue and are normal. Germination fair. Gram slightly damaged by hailstorm in Shahpur Tahsil.	...
11	Ráwalpindi ...	0·43 at Sadr ... 0·10 at Gujar Khan. 0·14 at Kahúta. 0·61 at Murree.	1. Sufficient ... 3. Good.	Wheat, 6¼ ... Barley, 11½ Gram, 8¾. Bajra, 10¾. Maize, 10¾. Jowar, 7½. Prices between warning and scarcity rates or at above scarcity rates.	Rain was useful. Standing irrigated crops good and unirrigated average.	...
12	Miánwáli ...	Report not received.				
13	Lyallpur ...	0·10 at Toba Tek Singh. 0·42 at Jaránwála. 0·06 at Samundri.	1. Sufficient ... 2. (b) Satisfactory. 3. Generally good.	Wheat, 9½ ... Gram, 9¾. Prices of wheat between warning and scarcity rates and of gram at above scarcity rates.	Standing crops good. Sowings of extra spring crops continue and are normal.	Ploughing for sugarcane in progress.
14	Multán ...	0·17 at Sadr ... 0·12 at Shujabad. 0·23 at Lodhrán. 0·23 at Kabírwála.	1. Available ... 2. (b) Sidhnai Canal flowing by turn; supply sufficient. 3. Fair.	Wheat, 8¾ ... Gram, 8. Bajra, 9½. Prices between warning and scarcity rates or at above scarcity rates.	Rain was useful. Extra spring crops being sown. Standing crops good in Multán and Kabírwála Tahsils. Elsewhere they are average on irrigated and below average on unirrigated areas. Barley and rapeseed being reaped in Kabírwála Tahsil.	Sugarcane being sown in Shujabad and Kabírwála Tahsils. Ploughings for cotton and rice commenced.

GENERAL REMARKS.

Light rain has fallen in parts of nearly all the reporting districts and was useful for extra spring crops and sugarcane. Condition of standing irrigated wheat and other crops is generally good, and of unirrigated crops below average to average. Reaping of rapeseed, barley and gram continues in some districts. Expected yield below normal to normal. Extra spring crops and sugarcane are being sown. Area sown is generally normal. Cattle are healthy, but fodder is scarce in some districts. Prices are generally stationary and range between normal and scarcity rates. Prices of wheat:—Ráwalpindi 6¼, Lahore 8, Ferozepore 8¾, Ambála 9 and Lyallpur 9½ seers per rupee.

MAHBUB SHAH, Supdt.,
for *Director of Land Records, Punjab.*

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 23rd March 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	17,162	4	9	13	6	5	1	...	...	...	2	...	2	...	2	1	...	1	40	18
2		Hánsi ...	14,576	5	4	9	21	8	13	...	...	7	2	1	2	...	9	1	2	3	32	75
3		Bhiwáni ...	31,100	10	5	15	71	32	39	...	3	46	5	...	3	...	14	4	3	7	25	119
4		Sirsa ...	14,629	4	5	9	10	5	5	..	...	...	3	2	2	...	3	1	1	2	32	36
5	Rohtak ...	Rohtak ...	19,862	7	10	17	13	5	8	...	1	...	7	1	1	..	3	2	1	3	45	34
6		Jhajjar ...	10,617	2	3	5	3	3	...	...	...	2	...	...	...	...	1	...	...	...	25	15
7		Sonepat ...	12,014	7	7	14	7	4	3	...	...	...	5	...	1	...	1	3	1	4	61	30
8	Gurgaon ...	Rewári ...	24,780	11	9	20	39	18	21	...	...	24	..	2	6	...	7	2	1	3	42	82
9	Karnál ...	Karnál ...	21,018	10	7	17	6	3	3	...	...	...	4	...	...	...	2	1	...	1	42	15
10		Kaithal ...	12,912	7	6	13	6	2	4	...	...	...	4	...	1	...	1	...	...	...	53	24
11		Pánipat ...	26,342	7	12	19	10	5	5	...	...	...	4	...	1	...	5	1	4	5	38	20
12		Shahabad ...	11,054	4	3	7	17	7	10	...	4	5	3	...	3	...	2	2	2	4	33	81
13	Ambála ...	Ambála ...	24,493	9	5	14	16	8	8	.	...	7	5	...	2	...	2	...	...	...	30	34
14		Jagádhri ...	12,045	2	4	6	9	6	3	...	...	2	2	...	2	...	3	4	...	4	26	39
15	Hoshiárpur ...	Hoshiárpur ...	16,980	9	6	15	20	11	9	...	...	4	10	...	1	1	4	2	...	2	46	61
16	Jullundur ...	Jullundur ...	55,354	16	17	33	36	19	17	...	...	8	12	2	8	3	3	3	3	6	31	34
17	Ludhiána ...	Ludhiána ...	43,152	11	9	20	84	38	46	...	...	51	16	3	5	...	9	3	3	6	24	102
18		Jagráon ...	15,039	7	5	12	58	28	30	...	...	41	9	...	2	...	6	2	3	5	42	202
19	Ferozepore ...	Ferozepore ...	24,678	5	3	8	5	1	4	...	...	...	3	...	1	...	1	...	1	1	17	10
20		Fázilka ...	10,985	4	3	7	21	17	4	...	...	6	8	2	3	...	2	3	1	4	33	100
21	Lahore ...	Lahore ...	210,271	42	54	96	139	73	66	...	...	15	65	9	34	3	13	12	9	21	24	34
22		Kasúr ...	24,783	7	7	14	34	15	19	...	..	11	16	...	2	1	4	2	5	7	29	71
23	Amritsar ...	Amritsar ...	151,339	51	46	97	140	81	59	...	...	27	53	1	45	2	12	10	7	17	33	48
24	Gurdáspur ...	Batála ...	26,430	12	5	17	11	4	7	...	...	7	3	...	1	...	...	1	...	1	34	22
25	Siálkot ...	Siálkot ...	48,595	22	23	45	19	11	8	...	...	...	2	...	6	...	11	6	4	10	48	20
26	Gujránwála	Gujránwála ...	28,687	9	5	14	18	9	9	...	...	1	8	2	4	...	3	1	3	4	26	33
27		Wazírabad ...	17,146	5	2	7	4	2	2	...	...	...	1	..	2	...	1	1	...	1	21	12
28	Gujrát ...	Gujrát ...	18,692	5	7	12	11	6	5	...	...	...	5	...	3	...	3	1	...	1	34	31
29		Jalálpur ...	11,615	9	4	13	6	3	3	...	...	...	5	...	...	...	1	...	1	1	58	27

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	4	5	9	9	7	2	...	...	...	4	1	1	1	2	2	...	2	31	31	30
31		Khusháb ...	10,159	2	4	6	2	1	1	...	...	...	...	1	1	...		...	...	...	31	10	31
32	Jhelum ...	Jhelum ...	12,298	4	5	9	9	5	4	...	...		4	..	1	...	4	1	1	2	38	38	32
33		Pind Dádan Khan	10,590	2	3	5	18	8	10	...	...	9	8	..	...	...	1	1	1	2	25	89	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	17	7	24	19	10	9	...	...	...	6	1	6	1	5	3	4	7	27	21	34
35	Lyallpur ...	Lyallpur ...	19,578	8	8	16	12	9	3	...	1	...	9	...	...	...	2	5	...	5	42	32	35
36	Jhang ...	Jhang-Maghiána	25,914	13	17	30	17	9	8	...	...	...	2	3	2	...	10	4	5	9	60	34	36
37		Chiniot ...	14,085	5	6	11	8	3	5	...	...	...	4	1	...	..	3	1	3	4	40	29	37
38	Multán ...	Multan ...	85,747	15	17	32	302	174	128	...	...	204	54	5	9	...	30	6	7	13	19	184	38
	Grand Total ...		1,150,732	373	357	730	1,236	655	581	...	9	477	353	37	163	12	185	92	76	168	32	54	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	3	3	6	11	8	3	...	...	...	5	...	2	...	4	1	...	1	16	30	
	Dharmsála	... ...	2,518						Statement not received.														
	Dalhousie ..	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	1	...	1	1	...	1	...	...	...	...	...	...	...	1	...	...	...	36	36	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 23rd March 1918 there were 730 births registered in the 38 large municipal towns (373 males and 357 females), giving a birth rate of 32 *per mille* of population, and 1,236 deaths were registered (655 males and 581 females), giving a death rate of 54 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 34 against 34 in the corresponding week of the previous year, Amritsar 48 against 31 and Multán 184 against 33.

There were 4 deaths registered from small-pox in Shahabad, 3 in Bhiwáni and 1 each in Rohtak and Lyallpur. Of the 477 deaths from plague, 204 were reported in Multán, 51 in Ludhiána, 46 in Bhiwani, 41 in Jagraon, 27 in Amritsar, 24 in Rewári, 15 in Lahore, 11 in Kasúr, 9 in Pind Dádan Khan, 8 in Jullundur, 7 each in Hánsi, Ambála and Batála, 6 in Fázilka, 5 in Shahabad, 4 in Hoshiárpur, 2 each in Jhajjar and Jagadhri and 1 in Gujránwála.

Sanitary Commissioner's Office,
Lahore :
The 3rd April 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

7 PGG—640—5-4-18—SGPP Lahore.

Registered No. L. 86

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 15.] LAHORE, FRIDAY, APRIL 12, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 9th April 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
1	Hissár ...	0·47 at Sirsa ... 0·18 at Bhiwáni.	1. Sufficient ... 2. (b) Water in perennial canal sufficient. 3. Good.	Wheat, 8 ... Bajra, $10\frac{3}{4}$. Gram, $12\frac{1}{2}$. Bejhar, 12. Prices generally between warning and scarcity rates.	Standing crops average. Rapeseed and gram being reaped. Yield of former below normal and of latter normal.	—
2	Rohtak ...	0·19 at Sadr ... 0·05 at Gohána. 0·55 at Sámpla. 0·35 at Jhajjar. 0·33 at Salháwas. 0·73 at Sonepat.	1. Scarce. 2. (b) Adequate. 3. Generally good.	Wheat, 8 ... Gram, 12. Barley 12. Jowar, 13. Bajra, 10. Prices between normal and scarcity rates.	Standing irrigated wheat and other crops fair to good and unirrigated average, but crops have suffered slightly from hail-storm in parts of Rohtak Tahsil and from rain in other tahsils. Reaping of gram and barley continues and of wheat commenced. Expected yield good in Jhajjar and Sonepat Tahsils and normal elsewhere.	Sowings of sugarcane continue and are below normal. Germination good.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
3	Gurgáon ...	0·03 at Sadr ... 0·07 at Rewári. 0·39 at Núh. 0·49 at Palwál. 0·15 at Ballabgarh.	1. Sufficient ... 2. (b) Canal closed. 3. Good.	Wheat, 8 to 9½ ... Barley, 13 to 15½. Jowar, 8 to 10. Gram, 12½ to 15. Bajra, 9 to 16. Maize, 11 to 12. Prices between normal and scarcity rates.	Condition and expected yield of wheat good. Barley and rapeseed being reaped. Yield below normal.	...
4	Ambála ...	1·67 at Sadr ... 0·40 at Jagádhri. 0·95 at Naráingarh. 0·76 at Kharar. 1·15 at Rúpar. 1·87 at Kasauli.	1. Scarce ... 2. (a) Sufficient. (b) Adequate. 3. Generally good.	Wheat, 8⅞ ... Gram, 11¼. Barley, 13. Maize, 13. Bajra, 9⅞. Prices generally between warning and scarcity rates.	Rain useful for extra spring crops, but slightly damaged reaped gram, etc. Condition of standing spring crops fair and of extra spring crops good. Gram, etc., being reaped. Yield normal.	...
5	Jullundur ...	4·50 at Sadr ... 1·51 at Nakodar. 1·04 at Phillaur. 1·41 at Nawashahr.	1. Inadequate ... 2. (a) Adequate. 3. Generally good.	Wheat, 8 ... Barley, 11½. Gram, 9. Maize, 12. Bajra, 10. Prices generally between warning and scarcity rates.	Rain useful for sowings of extra spring crops which are in progress to normal extent. Spring crops good on irrigated area and fair to poor on unirrigated area.	Rain beneficial for sowings.
6	Ferozepore ...	0·05 at Sadr ... 0·05 at Fázilka. 0·90 at Muktsar. 1·57 at Moga. 0·13 at Zíra.	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 8⅞ ... Gram, 11. Prices between warning and scarcity rates.	Standing irrigated crops good and unirrigated average, but have slightly been damaged by hailstorm. Extra spring crops being sown. Area sown normal. Reaping of barley in progress.	Sowings of sugarcane and cotton continue and are normal.
7	Lahore ...	0·48 at Sadr ... 0·21 at Chúnián. 0·38 at Kasúr.	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10¼. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average.	Sowings of cotton and irrigated sugarcane continue to a large extent.
8	Amritsar ...	0·28 at Sadr ... 0·41 at Tarn Táran. 0·87 at Ajnála.	1. Insufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Good.	Wheat, 9⅝ ... Barley, 12. Gram, 10¼. Maize, 9½. Jowar, 8. Bajra, 9⅞. Prices between warning and scarcity rates.	Standing irrigated crops above average and unirrigated average, but have been damaged by hailstorm in parts of Tarn Táran Tahsil. Barley being reaped in Amritsar Tahsil.	Sowings of sugarcane and cotton continue and are below normal.
9	Siálkot ...	2·19 at Sadr ... 2·38 at Zafarwál. 1·84 at Pasrúr. 1·57 at Daska. 1·41 at Raiya.	1. Dry fodder scarce; green scarce. 2. (a) Sufficient. (b) Canal closed. 3. Good.	Wheat, 7 to 7½ ... Barley, 12 to 12½. Gram, 8½ to 9. Prices between warning and scarcity rates.	Condition of standing crops good.	Sowings continue and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
10	Shahpur ...	2·23 at Sadr ... 1·04 at Khushâb. 1·58 at Shahpur. 3·29 at Bhera.	1. Sufficient ... 2. (b) Lower Jhelum Canal closed; Innundation Canal flowing. 3. Good.	Wheat, 9½ to 10 ... Gram, 11 to 13. Maize, 10 to 11. Bajra, 11½ to 12½. Prices between warning and scarcity rates.	Standing crops average. Irrigated barley and unirrigated gram being reaped in Khushâb Tahsil. Expected yield normal. Sowings of extra spring crops continue in Khushâb, Shahpur and Sargodha Tahsils and are normal. Germination fair. Crops damaged to a small extent by hailstorm and by flood in Jhelum river.	Sowings of cotton continue in Sargodha and Khushâb Tahsils and are normal.
11	Râwalpindi ...	4·92 at Sadr ... 5·04 at Gujar Khan. 8·80 at Kahûta. 6·26 at Murree.	1. Available ... 3. Good.	Wheat, 6¾ ... Barley, 11¾ Gram, 8¾. Maize, 10⅜. Bajra, 10½. Jowar, 7½. Prices between warning and scarcity rates or at above scarcity rates.	Condition of irrigated crops good and unirrigated average. Reaping of rapeseed and taramira commenced in Gujar Khan and Râwalpindi Tahsils. Expected yield normal.	...
12	Miânwâli ...	1·03 at Sadr ... 1·40 at Isa Khel. 2·02 at Bhakkar.	1. Procurable ... 2. (a) Do. (b) Nammal Canal flowing; supply sufficient. 3. Fair.	Wheat, 8¼ ... Gram, 11. Jowar, 8. Bajra, 14. Prices generally between warning and scarcity rates.	Standing irrigated crops above average and unirrigated average, but wheat has been damaged by hailstorm in Miânwâli and Bhakkar Tahsils and by flood in Isa Khel Tahsil. Reaping of gram commenced. Sowings of extra spring crops continue and are normal.	Cotton, jowar and fodder being sown to normal extent.
13	Lyallpur ...	0·40 at Sadr ... 1·04 at Jarânwâla. 0·30 at Toba Tek Singh. 0·27 at Samundri.	1. Sufficient ... 2. (b) Satisfactory. 3. Generally good.	Wheat, 9 ... Gram, 9¾. Price of wheat at scarcity rates and of gram at above scarcity rates.	Crops damaged by hailstorm in parts of Toba Tek Singh Tahsil. Standing crops generally good. Reaping of rapeseed, etc., commenced. Sowings of extra spring crops continue and are normal.	Sowings of sugarcane commenced.
14	Multân ...	1·26 at Sadr ... 0·65 at Shujabad. 1·08 at Lodhrân. 1·55 at Kabîrwâla. 0·74 at Mailsi.	1. Available ... 2. (b) Sidhnai Canal flowing by turns; supply sufficient. 3. Fair.	Wheat, 8⅝ ... Gram, 8½. Bajra, 10. Barley, 12. Prices generally between warning and scarcity rates.	Crops damaged by hailstorm. Standing crops average except on unirrigated area in Shujabad Tahsil, where they are below average. Reaping of barley and gram continue in Kabîrwâla and Mailsi Tahsils.	...

GENERAL REMARKS.

FAIRLY heavy rain accompanied by hailstorm was received in some sub-montane and western districts. Elsewhere the fall was light or moderate. Rain and hail have slightly damaged the standing and reaped spring crops in certain districts. Condition of wheat and other standing crops is generally good on irrigated area and average or below average on unirrigated area. Barley, gram and oilseeds are being reaped. Yield expected to be below normal to normal. Sowings of extra spring crops, sugarcane and cotton continue and are generally normal. Cattle are healthy, but fodder is scarce in some districts. Prices are generally stationary and range between warning and scarcity rates. Prices of wheat:—Râwalpindi 6¾, Lahore 8, Ambâla and Ferozepore 8¾, and Lyallpur 9 seers per rupee.

MAHBUB SHAH, SUPDT.,

for *Director of Land Records, Punjab.*

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

1	2			3			4			5		
	QUANTITIES PER RUPEE [illegible]											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	8 8	8 8	9 0	12 8	12 8	12 12	...	...	...	5 0	7 0	7 0
Rohtak	8 2	8 2	9 12	12 0	12 0	13 8	...	...	...	5 8	6 0	6 8
Gurgaon	8 4	8 4	8 8	13 0	12 0	13 12	...	...	...	6 0	6 8	8 0
Karnál	10 0	8 12	10 0	14 0	13 0	16 0	...	...	...	6 0	6 8	8 0
Ambála	8 14	8 0	10 0	12 0	12 0	12 0	...	...	...	7 8	7 12	8 0
Simla	8 0	6 4	7 8	9 4	7 8	9 4	...	...	...	5 4	5 12	6 4
JULLUNDUR.												
Kángra	5 8	5 8	9 0	8 8	8 8	13 0	...	...	...	7 8	7 8	8 0
Hoshiárpur	8 0	8 0	10 0	8 0	9 0	11 0	...	...	...	6 8	6 8	6 6
Jullundur	8 12	8 4	9 8	10 8	11 8	12 0	...	...	...	6 8	6 8	7 0
Ludhiána	9 0	8 0	9 8	12 8	9 8	13 0	...	...	...	6 0	6 0	6 0
Ferozepore	8 12	8 8	9 8	11 0	11 0	12 8	...	...	...	6 8	6 8	7 8
LAHORE.												
Lahore	8 0	7 12	9 4	11 8	11 8	13 0	...	...	...	6 8	6 12	8 4
Amritsar	8 10	8 8	10 0	11 0	11 0	12 12	...	...	...	7 0	7 0	7 11
Gurdáspur	7 8	8 4	9 8	10 0	10 0	12 8	...	...	...	7 8	7 8	8 0
Siálkot	8 0	8 0	10 0	12 0	12 0	11 0	...	...	...	7 8	7 8	8 8
Gujránwála	7 12	7 12	9 8	$	12 12	15 8	...	...	...	6 8	6 14	9 4
RAWALPINDI.												
Gujrát	7 0	8 0	10 0	12 0	12 0	14 0	...	...	...	6 8	7 0	8 0
Shahpur	9 12	8 12	9 13	11 12	11 12	†	...	...	...	5 8	5 8	7 0
Jhelum	7 4	7 4	8 12	11 8	12 0	13 0	...	...	...	6 4	6 8	8 0
Ráwalpindi	6 4	6 8	8 4	11 12	10 12	13 12	...	...	...	6 12	7 4	8 6
Attock	7 8	7 8	8 8	11 8	11 8	13 0	...	...	...	7 0	7 0	7 0
Miánwáli	8 6	8 6	8 8	‡	‡	13 0	...	...	...	6 0	6 0	6 8
MULTAN.												
Montgomery	8 3	8 8	9 0	12 8	13 0	11 0	...	...	...	6 0	6 0	7 0
Lyallpur	9 8	8 8	9 12	12 0	12 0	13 8	...	...	...	6 8	6 8	7 0
Jhang	10 6	8 12	9 8	13 8	12 4	13 4	...	...	...	5 4	6 8	7 0
Multán	8 6	8 2	9 8	11 8	11 8	12 4	...	...	...	7 4	7 4	8 8
Muzaffargarh	8 4	8 4	9 8	11 0	11 0	12 0	...	...	...	7 8	7 8	6 8
Dera Gházi Khan ...	6 2	6 14	9 8	‡	‡	16 0	...	...	...	5 8	6 6	8 12

†Not produced. ‡ Not sold.

NOTE.—The prices of rice as shown in the statement are [illegible]

N.B.—Variations in prices are due to fluctuations [illegible]

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 31ST MARCH 1918.

THE ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			Districts.
Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												Ambala.
‡	‡	†	10 8	10 8	16 8	‡	‡	†	‡	‡	†	Hissar.
13 0	13 0	18 0	10 8	10 8	17 8	†	†	†	†	†	†	Rohtak.
9 0	10 0	16 0	11 0	12 0	16 0	†	†	§	†	†	§	Gurgaon.
‡	§	†	‡	10 0	14 0	†	†	†	§	§	†	Karnál.
12 0	13 0	16 0	10 0	10 0	13 4	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
9 4	8 4	10 0	9 4	7 8	9 8	‡	‡	†	‡	‡	†	Simla.
												Jullundur.
‡	‡	†	‡	‡	†	‡	‡	†	‡	‡	†	Kángra.
8 0	8 8	12 0	6 8	6 8	12 0	†	†	†	‡	‡	†	Hoshiárpur.
9 0	9 0	13 8	8 0	9 8	12 8	†	†	†	9 0	9 0	9 0	Jullundur.
9 0	9 0	14 0	8 8	8 8	13 8	†	†	†	6 0	6 0	7 8	Ludhiána.
‡	‡	12 8	†	†	13 0	‡	‡	†	‡	‡	†	Ferozepore.
												Lahore.
9 0	9 0	13 0	9 4	9 0	13 8	§	§	†	11 0	8 12	12 8	Lahore.
9 8	10 4	12 8	9 0	9 12	15 8	§	§	†	10 0	10 0	12 12	Amritsar.
9 0	9 0	12 8	§	§	†	§	§	†	8 0	8 0	8 0	Gurdáspur.
§	§	§	§	§	11 0	§	§	§	§	§	§	Siálkot.
§	§	†	§	§	†	§	§	†	§	§	†	Gujránwála.
												Rawalpindi.
§	§	†	9 0	9 0	14 0	†	†	†	§	§	†	Gujrát.
7 12	11 8	11 0	12 8	11 12	15 0	§	§	†	§	§	†	Shahpur.
8 0	§	12 0	9 0	9 4	12 8	†	†	§	†	†	§	Jhelum.
7 8	8 12	13 0	10 8	10 8	11 12	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	11 0	11 0	11 8	‡	‡	†	‡	‡	†	Attock.
8 12	9 0	10 0	12 12	12 8	13 4	†	†	†	†	†	†	Miánwáli.
												Multan.
6 0	8 0	12 0	§	§	12 0	§	§	†	§	§	†	Montgomery.
§	§	†	§	§	15 0	§	§	†	§	§	†	Lyallpur.
‡	6 0	10 0	‡	11 0	12 12	14 8	14 8	14 0	11 8	11 8	11 8	Jhang.
‡	‡	14 0	9 12	10 0	14 0	‡	‡	†	13 0	13 0	13 0	Multán.
§	§	§	§	§	§	§	§	§	§	§	§	Muzaffargarh.
6 4	7 0	13 12	7 8	8 12	14 8	‡	‡	†	‡	‡	†	Dera Gházi Khan.

§Not procurable.
[illegible]or the quality in common demand.
[illegible]n, imports and exports.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON
DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	10			11			12			13		
Districts.	Gram, Chana, Chola, Kadalay or Sanaga (Cicer arietinum).			Maize (Zea Mays).			Arhar or Thur Cadjan Pea (Cajanus indicus).			Firewood.		
	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	12 8	12 10	14 0	‡	‡	†	‡	‡	†	60 0	55 0	70 0
Rohtak	12 8	12 8	13 12	§	§	†	8 0	8 0	8 0	(a)	60 0	70 0
Gurgaon	13 0	11 8	13 12	11 0	11 0	13 0	9 0	9 0	8 0	60 0	60 0	80 0
Karnál	13 8	13 0	14 0	‡	12 0	17 0	9 0	9 0	9 0	90 0	90 0	110 0
Ambála	12 0	10 4	13 0	12 4	11 12	15 0	7 12	7 12	8 0	77 0	77 0	85 0
Simla	8 8	8 4	9 8	10 0	8 12	11 4	5 0	5 4	5 12	53 0	53 0	58 0
JULLUNDUR.												
Kángra	8 8	6 8	8 0	8 8	8 8	13 0	4 8	4 8	5 0	80 0	80 0	80 0
Hoshiárpur	9 8	9 4	12 0	11 0	10 0	15 8	‡	‡	†	80 0	80 0	70 0
Jullundur	10 0	9 12	12 4	11 4	10 8	14 4	§	§	†	44 0	44 0	60 0
Ludhiána	11 0	9 8	12 4	11 8	11 8	15 8	8 8	8 8	6 8	55 0	55 0	65 0
Ferozepore	11 0	11 0	12 4	§	10 0	13 12	5 0	5 0	5 8	60 0	45 0	60 0
LAHORE.												
Lahore	10 4	10 0	11 8	9 12	9 12	13 8	7 4	7 4	7 0	40 0	40 0	45 0
Amritsar	9 14	9 12	11 12	9 4	9 8	14 8	6 4	6 8	7 12	47 0	43 0	70 0
Gurdáspur	8 8	8 8	10 8	10 8	10 8	15 0	§	§	†	50 0	50 0	60 0
Siálkot	8 8	8 8	10 8	10 0	10 0	13 0	§	§	†	60 0	60 0	80 0
Gujránwála	10 4	9 12	11 4	§	9 12	†	§	§	†	43 0	50 0	53 0
RAWALPINDI.												
Gujrát	8 12	9 0	11 0	9 0	9 0	14 0	†	†	†	45 0	50 0	70 0
Shahpur	11 0	10 12	11 14	11 0	10 8	15 0	7 0	7 0	7 8	50 0	53 0	63 0
Jhelum	10 0	9 8	11 0	9 0	9 0	12 0	6 0	6 0	6 8	55 0	45 0	51 0
Ráwalpindi	8 8	8 0	10 12	10 12	10 12	11 12	8 4	8 0	7 0	33 0	40 0	53 0
Attock	9 4	9 4	11 8	12 0	12 0	11 0	5 4	5 4	5 4	45 0	45 0	61 9
Miánwáli	10 2	10 12	13 0	‡	‡	12 0	‡	‡	†	45 0	45 0	55 0
MULTAN.												
Montgomery	8 8	9 12	11 13	9 0	§	15 0	8 0	8 0	†	85 0	85 0	110 0
Lyallpur	9 12	9 12	12 4	§	§	16 0	6 0	6 0	7 0	35 0	35 0	55 0
Jhang	11 0	10 4	12 0	8 8	8 14	13 14	‡	‡	†	34 0	34 0	60 0
Multán	8 0	8 8	11 4	§	§	14 0	‡	‡	6 8	45 0	45 0	80 0
Muzaffargarh	8 6	8 10	11 0	§	§	§	§	§	§	100 0	100 0	110 0
Dera Ghází Khan	7 2	8 0	11 0	‡	‡	†	‡	‡	†	60 0	72 0	90 0

(a) Under enquiry.

* No wholesale salt sold.

† Not produced.

N.B.—Variations in prices are due to fluctuations in

NOTE.—The price of bathu and masar at Simla during the

Memo. of

In the fortnight ending 28th February 1918 under head "present" and in the fortnight

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB :

Lahore, dated the 6th April 1918.

…AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB …ENDING 31ST MARCH 1918—CONCLUDED.

…THE ORDINARY SEER OF 80 TOLAS.

14						15			16			1
Salt.						*Gur.*			*Cotton (unginned).*			
Present fortnight ending 31st March 1918.		Past fortnight ending 15th March 1918.		Corresponding fortnight of 31st March 1917.		Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	Present fortnight ending 31st March 1918.	Past fortnight ending 15th March 1918.	Corresponding fortnight of 31st March 1917.	DISTRICTS.
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.							
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
19 0	18 0	8 8	8 0	16 0	15 0	9 8	9 0	7 0	3 0	3 0	4 0	Hissar.
13 0	12 0	13 0	12 0	17 8	16 0	10 0	10 0	9 0	2 8	2 8	5 0	Rohtak.
10 8	10 0	10 8	10 0	18 0	17 8	8 8	8 8	7 8	3 0	3 0	4 0	Gurgaon.
12 0	11 4	10 14	10 2	17 0	16 8	10 0	9 8	8 8	‡	‡	†	Karnál.
12 15	12 8	12 15	12 8	20 0	19 4	7 0	7 0	6 8	§	§	4 4	Ambála.
10 0	9 4	9 4	8 4	15 0	13 0	5 4	5 8	5 4	§	§	†	Simla.
												JULLUNDUR.
*	7 0	*	7 0	*	9 0	3 8	3 8	4 0	‡	‡	†	Kángra.
13 8	13 0	13 8	13 0	18 0	17 0	5 8	5 8	5 8	‡	‡	4 8	Hoshiárpur.
14 12	13 4	13 4	12 0	20 0	18 0	5 0	5 0	6 0	§	§	5 0	Jullundur.
13 8	13 0	13 8	13 0	17 8	17 0	6 8	6 8	6 8	2 8	2 8	3 8	Ludhiána.
12 0	11 8	12 8	12 0	17 0	15 0	6 0	6 0	5 8	2 6	2 12	5 0	Ferozepore.
												LAHORE.
13 8	13 4	13 4	13 0	18 0	17 0	6 8	6 8	7 0	2 8	2 12	3 12	Lahore.
15 4	14 4	13 5	12 8	21 11	20 0	7 4	7 4	8 8	2 6	2 6	4 1	Amritsar.
*	11 0	*	11 0	*	16 0	7 0	7 0	7 8	4 0	4 0	5 0	Gurdáspur.
14 0	13 0	14 0	13 0	17 0	16 0	7 8	7 8	7 8	‡	3 0	5 0	Siálkot.
14 8	14 0	15 0	14 8	21 0	20 0	7 8	7 0	7 12	3 1	3 1	4 12	Gujránwála.
												RAWALPINDI.
12 0	11 0	12 0	11 0	20 0	16 0	6 0	7 0	7 0	‡	‡	†	Gujrát.
16 6	15 0	14 8	14 0	18 12	17 0	8 0	8 0	8 8	2 12	§	4 7	Shahpur.
14 0	13 8	13 8	12 8	19 0	13 0	5 8	6 4	7 0	‡	‡	†	Jhelum.
15 0	14 8	14 12	14 0	19 8	19 0	7 4	7 4	7 4	§	§	†	Ráwalpindi.
21 0	20 0	21 0	20 0	*	14 0	8 0	8 0	7 0	4 0	4 0	5 0	Attock.
12 0	12 0	12 0	12 0	*	18 0	5 8	5 8	5 8	‡	‡	†	Miánwáli.
												MULTAN.
12 0	11 0	12 0	11 0	13 8	13 0	6 8	6 8	7 0	2 10	2 10	5 0	Montgomery.
13 0	12 0	13 0	12 0	18 0	17 8	8 0	8 0	8 0	§	§	4 8	Lyallpur.
12 0	11 0	11 0	10 0	14 8	13 8	6 12	6 8	6 8	2 2	2 2	4 0	Jhang.
12 8	12 0	12 0	11 8	16 0	15 0	6 4	6 4	7 4	2 1	2 1	4 4	Multán.
10 8	10 0	10 8	10 0	14 8	14 0	6 0	6 0	6 0	§	§	5 0	Muzaffargarh.
12 0	11 8	11 12	11 4	12 8	12 0	5 8	6 0	5 0	2 11	2 12	7 4	Dera Ghási Khan.

‡ Not sold. § Not procurable.

…imports and exports.

…fortnight ending 31st March 1918 was 7½ and 6½ seers respectively.

…corrections.

…ending 15th March 1918 under head "past" under "barley" against "Jullundur" *read* "11 seers 8 chataks" *for* "12 seers 6 chataks."

B. D. SINGH, HEAD ASST. OF STATISTICS,
Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 58 seers as compared with 57 seers in last fortnight and 71 seers in corresponding period of 1917. The chief variations in each division are—

	Same fortnight in 1917.	*Last fortnight.*	*This fortnight.*
	Seers.	Seers.	Seers.
Gurgaon ...	80	60	60
Jullundur ...	60	44	44
Amritsar ...	70	43	47
Gujrát ...	70	50	45
Multán ...	80	45	45

Lahori Salt.—Prices average 12 seers 10 chataks as compared with 21 seers 15 chataks in last fortnight and 16 seers 4 chataks in corresponding period of 1917. The chief variations in each division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	C.	Seers.	C.	Seers.	C.
Gurgaon ...	17	8	10	0	10	0
Jullundur ...	18	0	12	0	13	4
Ferozepore ...	20	0	14	8	14	0
Attock ...	14	0	20	0	20	0
Lyallpur ...	17	8	12	0	12	0

Gur.—Prices average 6 seers 15 chataks as compared with 6 seers 15 chataks in last fortnight and 6 seers 14 chataks in corresponding period of 1917. The chief variations in each division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	C.	Seers.	C.	Seers.	C.
Hissar ...	7	0	9	0	9	8
Jullundur ...	6	0	5	0	5	0
Amritsar ...	8	8	7	4	7	4
Jhelum ...	7	0	6	4	5	8
Multán ...	7	4	6	4	6	4

Cotton, unginned.—Prices average 2 seers 12 chataks as compared with 2 seers 14 chataks in last fortnight and 4 seers 10 chataks in corresponding period of 1917. The chief variations in each division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	C.	Seers.	C.	Seers.	C.
Rohtak ...	5	0	2	8	2	8
Ferozepore ...	5	0	2	12	2	6
Amritsar ...	4	1	2	6	2	6
Attock ...	5	0	4	0	4	0
Dera Ghá́zi Khan ...	7	4	2	12	2	11

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31st MARCH 1918.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Wholesale price per maund of 82 2/7 lbs. or 40 seers of 80 tolas each.															
Name of district.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 4 0	5 4 0	4 7 0	3 4 0	...	3 4 0	3 12 0	3 2 0	3 4 0	5 0 0	6 0 0	4 12 0	5 12 0	7 0 0	5 8 0	50 0 0
Ferozepore ...	3 1 3	5 11 6	4 7 0	3 7 9	...	...	...	...	3 7 9	7 4 6	6 10 9	...	7 4 6	7 4 3	6 2 6	49 3 9
Lahore ...	3 11 0	5 14 9	4 13 6	3 5 3	3 9 0	4 3 3	4 3 5	3 13 0	3 13 0	5 5 3	5 11 6	4 13 6	6 2 6	8 0 0	5 14 9	42 10 9
Amritsar ...	3 10 0	5 11 0	4 8 0	3 4 0	...	4 0 0	4 4 0	4 3 6	3 14 6	6 0 0	6 4 0	5 4 0	7 0 0	8 4 0	5 4 0	45 0 0
Ráwalpindi ...	...	5 11 6	6 2 6	3 5 3	...	5 2 6	3 11 6	3 10 3	4 9 3	...	4 7 0	4 7 0	...	...	5 5 3	...
Lyallpur ...	*5 12 0	*6 8 0	4 2 0	3 4 0	...	...	...	...	3 15 0	6 0 0	...	...	7 0 0	8 0 0	4 8 0	65 0 0
Multán ...	3 0 0	5 4 0	4 10 0	3 5 3	...	...	4 0 0	...	4 13 0	...	6 0 0	4 4 0	7 0 0	6 0 0	6 0 0	55 0 0

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	Wholesale price per maund of 82 2/7 lbs. or 40 seers of 80 tolas each.															
Name of district.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow).	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	3 14 0	65 0 0	4 13 0	13 0 0	16 0 0	3 1 6	50 0 0	1 12 0	...	1 2 3	1 2 3	...	(a)5 2 0	150 0 0	100 0 0	
Ferozepore ...	4 7 0	59 8 6	5 5 3	16 0 0	16 0 0	3 5 3	...	...	...	1 0 0	...	...	(b)4 6 0	225 0 0	143 0 0	
Lahore ...	4 0 0	60 15 9	5 11 6	13 5 3	21 5 3	2 14 0	38 0 0	2 13 9	1 0 0	1 8 0	...	1 4 0	(c)6 4 0	170 0 0	160 0 0	
Amritsar ...	4 4 0	61 0 0	5 5 3	10 0 0	16 8 0	2 10 0	40 0 0	2 4 0	...	1 8 0	...	12 0	(e)4 2 9	...	200 0 0	
Ráwalpindi ...		60 15 3	6 10 9	...	...	2 10 9	39 0 0	...	...	2 8 0	...	1 8 0	(d)4 0 0	120 0 0	100 0 0	
Lyallpur ...	3 5 0	55 0 0	4 12 0	20 0 0	16 0 0	2 13 0	35 0 0	2 4 0	...	1 2 3	...	1 8 0	(e)5 12 0	220 0 0	120 0 0	
Multán ...	3 7 0	54 0 0	5 2 6	12 8 0	23 8 0	3 3 0	40 0 0	2 9 0	1 2 0	1 5 3	...	...	(f)5 8 0	...	105 0 0	

Quotations have not been shown in cases in which there have been no wholesale transactions.
NOTE.—Prices of rice as shown in the statement are for the quality in common demand.
N.B.—Variations in prices are due to fluctuations in imports and exports.

*Under enquiry. (a) Elephant Brand. (b) Bottle mark. (c) Monkey Brand. (d) Victoria Brand. (e) Whel brand (f) Sun Brand.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Lahore, dated the 6th April 1918.

B. D. SINGH, HEAD ASSTT. OF STATISTICS,
Office of Director of Land Records, Punjab.

STATEMENT

IRRIGATION OPERATIONS OF THE KHARIF CROP

Comparative Abstract of Irrigation and

DISTRICT.	OF THE DISTRICT. Total area, in acres.	Culturable area, in acres.	Cultivated area, in acres.	Culturable area commanded by canals, in acres.	Area at present proposed to be annually irrigated in acres.	AREA IRRIGATED IN ACRES. Kharif 1917.	Kharif 191[illegible]
1	2	3	4	5	6	7	8
Ambála	1,198,684	873,260	748,221	4,805	2,493	1,325	[illegible]
Kárnal	1,997,395	1,721,529	1,124,975	648,144	245,385	90,689	[illegible]
Rohtak	1,439,113	1,337,521	1,150,708	672,473	260,381	99,618	[illegible]
Delhi	367,660	291,248	230,883	69,707	37,416	13,198	[illegible]
Hissar	3,318,830	3,163,686	2,700,356	517,443	226,737	94,338	[illegible]
Jínd State	852,613	808,258	749,809	219,232	60,000	32,131	[illegible]
Bikáner State	4,120,409	4,036,957	682,283	1,762	460	261	[illegible]
Kalsia State	121,752	87,592	70,267	2,451	1,382	843	[illegible]
Patiála State *...	3,794,770	3,462,649	2,902,907	179,060	59,301	40,704	[illegible]
Total Western Jumna Canal including Sirsa Branch	...	...	...	2,315,077	893,555	373,102	[illegible]
Ludhiána	892,512	816,262	730,136	269,452	70,507	9,174	[illegible]
Ferozepore	2,595,299	2,440,506	2,259,124	1,258,234	434,667	138,522	[illegible]
Hissar	3,318,830	3,163,686	2,700,356	34,400	9,780	697	[illegible]
Faridkot State	405,249	386,153	371,055	231,137	79,709	31,398	[illegible]
Nábha State	620,436	568,341	506,707	145,273	39,817	9,744	[illegible]
Patiála State *	3,794,770	3,462,649	2,902,907	313,862	108,618	16,606	[illegible]
Jínd State	852,613	808,258	749,809	18,200	3,671	389	[illegible]
Kalsia State	121,752	87,592	70,267	12,909	3,231	905	[illegible]
Total British Branches ...	...	...	...	2,273,467	750,000	207,435	[illegible]
Native States Branches.							
Patiála State	...	...	...	1,629,000	420,000	134,612	[illegible]
Nabha State						21,052	[illegible]
Jínd State						12,704	[illegible]
Total Native States ...	...	...	...		...	168,368	[illegible]
Total Sirhind Canal ...	...	...	...	3,902 467	1,170,000	375,803	[illegible]

*These are the correct figures reported in the annual administra[illegible]

No. I.

OF 1917 ON MAJOR IRRIGATION WORKS.

Rainfall in the Punjab.

IN COMPARISON WITH LAST CROP.		RAINFALL IN KHARIF MONTHS (INCHES).													
Increase.	Decrease.	*April.*		*May.*		*June.*		*July.*		*August.*		*September.*		*Total.*	
		1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
...	194	0·9	0·1	0·6	0·5	4·3	12·3	18·3	13·8	15·6	14·6	15·2	6·6	54·9	47·9
6,418	...	1·1	0·1	0·6	0·8	3·2	2·1	5·0	5·6	6·8	6·5	6·5	7·2	23·2	22·3
13,851	...	0·8	...	0·7	0·3	2·0	0·9	8·3	4·1	5·7	8·7	9·1	2·9	26·6	16·9
2,627	...	0·7	...	0·4	...	2·2	1·3	5·5	7·7	5·9	10·3	10·3	4·4	25·0	23·7
...	8,365	1·1	0·1	0·6	0·4	2·4	1·7	2·4	2·9	5·0	9·5	15·5	1·7	27·0	16·3
3,129	...	1·6	...	0·5	0·4	1·6	2·1	4·3	4·1	8·2	5·9	9·0	5·9	25·2	18·4
...	63	0·3	0·1	0·8	0·4	4·1	0·2	3·5	2·7	4·2	7·6	11·6	1·7	24·5	12·7
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7,755	...	2·0	0·3	0·6	0·4	2·7	0·6	3·0	3·2	3·4	7·4	8·4	4·3	20·1	16·2
33,811	8,622														
+25,189															
...	16,382	2·98	0·20	0·63	0·07	2·99	2·16	5·75	7·24	8·32	3·56	18·92	2·35	39·59	15·58
...	65,126	1·70	0·08	2·10	0·50	2·20	0·49	3·65	5·73	6·27	6·02	11·30	1·53	27·72	14·35
...	2,078	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	14,475	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	6,978	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	19,759	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	631	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	726	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	126,155														
...	39,727	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	703	2·18	0·03	0·97	0·46	2·72	0·80	4·44	6·19	6·37	7·09	18·60	2·13	35·28	16·70
...	2,386	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	42,816														
	168,971														

Report for 1916-17, subsequent to the issue of the half-yearly statement for kharif 1916.

STATEMENT

IRRIGATION OPERATIONS OF THE KHARIF CROP OF

Comparative Abstract of Irrigation and

District.	Of the district. Total area, in acres.	Culturable area, in acres.	Cultivated area, in acres.	Culturable area commanded by canals, in acres.	Area at present proposed to be annually irrigated, in acres.	Area irrigated in acres. Kharif 1917.	Kharif 1916.
1	2	3	4	5	6	7	8
Gurdáspur	1,169,408	943,046	827,364	127,638	52,450	41,552	51,774
Amritsar	998,086	865,133	758,303	600,492	281,685	179,590	186,687
Lahore	1,750,958	1,515,617	1,222,637	866,216	487,530	334,629	*330,841
Total Upper Bari Doab Canal ...	...	...	...	1,594,346	821,665	555,771	569,306
Lahore	1,750,958	1,515,617	1,222,637	7,826	4,422	2,426	2,211
Montgomery	2,747,759	2,521,874	926,685	850,682	536,558	217,668	184,046
Multán	3,811,257	3,376,465	1,173,071	436,310	243,626	76,432	62,186
Total Lower Bari Doab Canal ...	...	...	...	1,294,818	784,606	296,526	248,443
Siálkot	1,262,391	1,135,222	916,910	182,355	50,512	44,583	49,311
Gujránwála	2,492,340	2,277,745	1,454,381	1,228,161	522,800	176,700	213,892
Lyallpur	2,104,240	1,904,849	1,458,369	95,293	61,441	21,782	20,844
Lahore	1,750,958	1,515,617	1,222,637	17,382	4,122	2,045	1,873
Total Upper Chenab Canal ...	...	...	...	1,523,191	638,875	245,110	285,917
Gujránwála	2,492,340	2,277,745	1,454,381	715,501	404,606	166,403	168,063
Jhang	2,171,717	1,961,614	836,425	398,865	233,146	99,642	98,350
Lyallpur	2,104,240	1,904,849	1,458,369	1,468,432	1,089,034	461,236	448,877
Total Lower Chenab Canal ...	...	...	...	2,582,798	1,726,786	727,281	715,290
Gujrát	1,455,110	1,167,520	880,091	560,353	321,202	67,069	42,413
Shahpur	3,072,726	2,312,708	1,296,297	1,850	838	139	...
Total Upper Jhelum Canal ...	...	...	...	562,203	322,040	67,208	42,413
Shahpur	3,072,726	2,312,708	1,296,297	820,180	501,542	189,815	194,563
Jhang	2,171,717	1,961,614	836,425	323,638	154,876	38,062	41,367
Gujrát	1,455,110	1,167,520	880,091	18,647	12,503	3,979	4,067
Total Lower Jhelum Canal ...	...	...	...	1,162,465	668,921	231,856	239,997
Lahore	1,750,958	1,515,617	1,222,637	281,895	93,956	31,199	26,232
Montgomery	2,747,759	3,521,874	926,685	617,941	235,228	158,701	126,328
Total Upper Sutlej Canal ...	...	...	...	899,836	329,184	189,900	152,560
Multán	3,811,257	3,376,465	1,173,091	344,159	150,000	131,207	114,933
Total Sidhnai Canal	...	...	...	344,159	150,000	131,207	114,933
Dera Ghází Khan (Indus Canals)	3,475,190	2,511,165	1,193,327	422,923	305,760	140,042	179,941
Total Indus Inundation Canals ...	...	...	...	422,923	305,760	140,042	179,941
GRAND TOTAL ...	...	...	...	16,604,283	7,811,392	3,335,806	*3,441,467

* These are the correct figures reported in the Annual Administration

LAHORE :

The 8th April 1918.

No. I—concluded.

1917 on Major Irrigation Works—*concluded.*

Rainfall in the Punjab—concluded.

In comparison with last crop.		Rainfall in kharif months (inches).															
		April.		*May.*		*June.*		*July.*		*August.*		*September.*		*Total.*	
Increase.	Decrease.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
...	10,226	3·98	0·15	1·61	0·86	5·54	1·97	11·70	8·64	14·34	8·67	10·81	2·94	47·98	23·26
...	7,097	2·17	0·10	0·49	0·41	2·69	1·42	5·02	14·56	8·50	7·99	11·98	3·09	30·85	27·57
3,788	...	1·44	0·03	1·27	0·20	3·03	0·72	2·69	14·10	10·77	5·75	1[illegible]·20	1·09	31·40	21·89
3,788	17,323														
−13,535															
215	...	1·51	0·20	2·92	...	3·07	0·20	1·71	7·85	12·50	7·48	14·62	1·42	36·36	17·15
33,622	...	1·27	0·11	1·00	0·06	1·46	0·07	1·38	3·89	13·83	7·40	10·19	0·54	29·13	12·07
14,246	...	0·38	0·07	0·76	0·29	0·37	0·25	2·08	0·78	9·06	3·62	5·06	0·09	17·71	5·10
48,083	...														
...	4,728	1·98	0·08	0·9	0·62	5·74	1·88	6·93	16·13	17·06	7·71	10·40	3·04	43·01	29·46
...	37,192	1·08	0·03	1·35	0·54	2·73	1·35	3·27	12·30	13·89	8·24	9·97	1·76	32·29	24·35
941	...	2·01	...	2·46	...	3·12	...	2·09	4·23	8·75	7·15	14·64	2·9	33·07	14·23
172	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1,113	41,920														
−40,807															
...	1,660	1·16	0·22	1·49	0·24	2·15	1·66	3·11	11·28	11·59	6·47	9·51	1·01	29·31	20·68
1,292	...	0·82	0·05	0·87	0·17	2·05	0·45	4·37	1·91	9·85	4·88	7·17	1·53	25·13	8·99
12,379	...	1·19	0·14	1·65	0·12	1·98	0·54	2·63	2·67	6·90	6·99	9·76	1·21	24·11	11·67
13,671	1,660														
+12,011															
24,656	...	1·50	...	4·16	1·59	15·42	9·66	11·35	33·24	26·40	36·23	18·34	4·[illegible]6	77·17	84·88
139	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24,795	...														
...	4,748	1·0	0·16	1·50	0·45	1·44	1·80	3·31	4·47	9·06	6·15	5·85	1·33	22·16	14·36
...	3,305	0·87	0·17	0·96	0·20	2·46	0·81	2·56	2·94	4·64	4·13	6·28	1·52	17·77	9·77
...	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	8,141														
4,967	...	0·92	0·01	1·61	0·63	3·47	0·60	1·63	10·24	8·92	6·40	9·74	0·33	26·29	18·21
82,373	...	1·54	0·10	1·16	...	0·66	0·06	0·94	7·18	11·38	4·36	5·69	0·56	21·87	12·25
87,340	...														
16,274	...														
16,274	...	0·33	0·15	0·52	0·69	0·33	0·40	1·07	0·27	8·36	3·68	5·95	0·16	16·56	5·35
...	39,899	0·57	0·45	0·67	0·18	...	0·53	0·95	0·11	4·75	5·94	3·80	0·64	10·74	7·85
...	39,899														
178,875	286,536														
−107,661															

Report for 1916-17, subsequent to the issue of the half-yearly statement for kharif 1916.

W. F. HOLMS,

Secretary to Government, Punjab,
Public Works Department, Irrigation Branch.

STATEMENT

IRRIGATION OPERATIONS OF THE KHARIF

Statement in acres

DESCRIPTION OF CROPS.	Ambála.	Karnál.	Rohtak.	Delhi.	Hissar.	Gurdáspur.	Amritsar.	Lahore.	Ludhiána.	Ferozepore.	Siálkot.
1	2	3	4	5	6	7	8	9	10	11	12
Sugarcane	219	24,607	40,727	7,131	2,009	16,534	18,719	14,644	1,109	1,312	73
Rice	973	10,773	247	15	2,469	14,162	42,744	27,689	5	...	44,008
Cotton	10	40,765	46,663	2,095	58,883	2,532	47,557	143,815	2,671	7,575	94
Indigo	14	401	3,011	73	118	...	...	...	...	...	...
Maize	33	683	237	54	302	2,803	19,310	30,865	2,190	14,785	...
Jowar and bajra ...	4	8,127	5,687	904	18,327	4,531	25,514	74,527	2,275	82,308	...
Other crops	72	5,333	3,046	2,921	12,927	990	25,746	78,759	924	32,542	408
Total kharif, 1917 ...	1,325	90,669	99,618	13,193	95,035	41,552	179,590	370,299	9,174	138,522	44,5[illegible]
Ditto 1916 ...	1,519	84,271	85,767	10,566	105,478	51,778	186,687	*361,157	25,556	203,648	*49,3[illegible]
Increase in 1917 ...	...	6,418	13,851	2,627	...	...	...	9,142	...	...	...
Decrease in 1917 ...	194	...	...	...	10,443	10,226	7,097	...	16,382	65,126	4,72[illegible]

* These are the correct figures reported in the Annual Administration Report for 1916-17, subsequent to the

LAHORE:

The 8th April 1918.

No. II.

Crop of 1917 on the Major Irrigation Works.

of crops irrigated.

Gujrát.	Gujránwála.	Jhang.	Shahpur.	Bikáner State.	Kalsia State.	Faridkot State.	Nabha State.	Patiála State.	Jind State.	Montgomery.	Multán.	Dera Ghází Khan.	Lyallpur.	Total.
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
3,033	23,902	2,777	10,305	...	181	856	1,238	7,847	8,588	8,324	2,129	57	54,740	251,061
8,957	144,675	2,351	3,268	...	708	...	592	3,106	2,887	33,885	22,460	58,937	10,211	455,117
23,551	72,253	49,766	64,171	73	168	2,496	8,598	54,721	23,472	140,517	81,665	26,164	155,934	1,056,209
3	...	...	...	...	...	...	...	543	416	30	1,983	9,487	278	16,357
3,766	9,511	9,676	15,376	...	366	9,004	7,978	26,257	2,227	35,855	7,342	18	75,465	274,403
6,822	27,029	43,610	42,623	98	263	13,121	8,428	86,716	2,681	39,009	30,736	31,508	131,694	686,537
24,916	65,433	29,524	54,[illegible]16	90	62	5,921	3,962	12,732	4,953	118,749	61,824	13,876	54,696	614,123
71,048	343,103	137,704	189,954	261	1,743	31,398	30,796	191,922	45,224	376,369	207,639	140,042	483,018	3,333,806
43,480	381.955	139,717	194,563	324	2,443	45,873	*38,477	243,653	*45,112	310,374	177,119	179,941	469,698	*3,441,467
24,568	...	...	...	...	...	...	...	...	112	65,995	30,520	...	13,320	...
...	38,852	2,013	4,609	63	695	14,475	7,681	51,731	...	...	...	39,899	...	107,661

...of the half-yearly statement for kharif 1916.

W. F. HOLMS,

Secretary to Government, Punjab,
Public Works Department, Irrigation Branch

STATEMENT

IRRIGATION OPERATIONS OF THE KHARIF

Statement in acres of crops

Description of crops.	Western Jumna Canal.							
	Karnál Division.	Jind Distributaries.	Delhi Division.	Hissar Division.	Rohtak Division.	Total.	Ludhiána Division.*	Ferozepore Division.
1	2	3	4	5	6	7	8	9
Sugarcane	7,667	7,797	46,164	10,404	13,468	85,500	1,830	[illegible]
Rice	6,755	1,775	742	7,014	861	17,147	8	-
Cotton	10,079	19,204	31,849	50,307	77,137	188,576	5,944	[illegible]
Indigo	249	236	3,011	17	340	3,853	...	-
Maize	374	49	103	744	369	1,639	9,856	[illegible]
Jowar and bajra	1,027	1,002	3,481	29,340	13,031	47,881	10,701	[illegible]
Other crops	1,720	2,068	4,725	11,877	8,116	28,506	2,851	[illegible]
Total kharif 1917	27,871	32,131	90,075	109,703	113,322	373,102	31,190	[illegible]
Ditto 1916	25,229	*29,002	67,852	115,925	109,905	*347,913	67,865	[illegible]
Increase in 1917	2,642	3,129	22,223	...	3,417	25,189	...	-
Decrease in 1917	...	...	...	6,222	...	...	36,675	[illegible]

* These are the correct figures reported in the Annual administration report

No. III.

CROP OF 1917 ON THE MAJOR IRRIGATION WORKS.

irrigated in Canal Divisions.

Canal.			Upper Bari Doab Canal.					Lower Bari Doab Canal.				
Bhatinda Division.	Native States.	Total.	1st Division.	2nd Division.	3rd Division.	4th Division.	Total.	Balloki Division.	Okara Division.	Montgomery Division.	Khánewál Division.	Total.
10	11	12	13	14	15	16	17	18	19	20	21	22
242	6,736	10,324	11,473	12,079	10,718	14,267	48,537	720	3,411	3,438	1,378	8,947
...	4,620	4,628	12,618	36,848	11,880	12,666	74,012	7,180	4,007	996	867	13,050
2,794	43,440	59,614	1,267	32,350	109,559	45,999	189,175	22,490	49,040	41,365	25 381	138,276
...	723	723	...	...	...	...	...	26	4	...	333	363
5,716	29,642	62,477	1,203	9,576	22,673	18,594	52,046	6,735	16,513	10,062	3,649	36,959
29,088	71,862	181,058	2,467	23,737	66,016	11,799	104,019	7,526	13,363	16,084	8,312	45,285
18,179	11,345	56,979	509	14,232	35,958	37,283	87,982	8,389	15,652	17,905	11,700	53,646
56,019	168,368	375,803	29.537	128,822	256,804	140,608	555,771	53,066	101,990	89,850	51,620	296,526
102,855	*211184	*544,774	35,913	128,845	255,220	149,328	*569,306	35,426	74,559	77,070	61,388	248,443
...	...		...	...	1,584	...	...	17,640	27,431	12,780	..	48,083
46,836	42,816	168,971	6,376	23	...	8,720	13,535	...	...	...	9,768	...

1916-17, subsequent to the issue of the half-yearly statement for kharif 1916.

STATEMENT

IRRIGATION OPERATIONS OF THE KHARIF

Statement in acres of crops

DESCRIPTION OF CROPS.	UPPER CHENAB CANAL.					LOWER CHENAB				
	Merala Division.	Gujranwala Division.	Sheikhupura Division.	Raya Division.	Total.	Hafizabad Divison.	Lyallpur Division.	Upper Gugera Division.	Lower Gugera Division.	Burala Division.
1	23	24	25	26	27	28	29	30	31	32
Sugarcane	77	5,254	1,355	106	6,792	5,142	18,455	15,746	18,004	4,813
Rice	12,505	52,454	24,935	72,569	162,463	28,692	1,253	7,088	52	733
Cotton	213	16,230	14,860	186	31,489	8,748	52,107	55,393	42,333	35,902
Indigo	...	...	...	...	...	...	181	...	57	40
Maize	...	...	...	...	...	1,410	26,047	11,708	25,481	15,294
Jowar and bajra... ...	...	...	...	...	...	8,030	42,761	25,235	36,969	35,626
Other crops	827	18,267	23,922	1,350	44,366	12,733	25,674	15,374	14,186	8,380
Total kharif, 1917 ...	13,622	92,205	65,072	74,211	245,110	64,755	166,478	130,544	137,082	100,788
Ditto, 1916 ...	17,847	116,330	72,520	79,220	285,917	60,795	159,125	136,106	130,629	105,784
Increase in 1917	...	...	...	...	...	3,960	7,353	...	6,453	...
Decrease in 1917	4,225	24,125	7,448	5,009	40,807	...	...	5,562	...	4,996

LAHORE:

The 9th April 1918.

No. III—CONCLUDED.

CROP OF 1917 ON THE MAJOR IRRIGATION WORKS—*concluded.*

irrigated in Canal Division—CONCLUDED.

CANAL.		UPPER JHELUM CANAL.			LOWER JHELUM CANAL.					UPPER SUTLEJ INUNDATION CANALS.	SIDHNAI CANAL.	INDUS INUNDATION CANALS.	
Jhang Division.	Total.	Phalia Division.	Gujrat Division.	Total.	Rasul Division.	Sargodha Division.	Kirana Division.	Shahpur Division.	Total.	Upper Sutlej Inundation Canals Division.	Multan Canals Division.	Dera Ghazi Khan Division.	GRAND TOTAL.
33	34	35	36	37	38	39	40	41	42	43	44	45	46
12,146	74,306	1,970	898	2,868	495	3,741	6,446	193	10,875	2,550	305	57	251,061
920	38,738	2,670	6,238	8,908	36	956	903	2,489	4,384	31,391	21,459	58,937	435,117
41,038	235,521	19,060	3,246	22,306	5,085	28,255	38,525	5,031	76,896	43,133	45,059	26,164	1,056,209
...	278	3	...	3	...	...	...	...	...	...	1,650	9,487	16,357
12,440	92,380	3,368	237	3,605	370	3,557	13,991	191	18,109	5,149	2,021	18	274,403
42,355	190,976	4,479	1,494	5,973	2,015	23,898	23,005	5,911	54,829	8,581	16,432	31,503	686,537
18,735	95,082	19,738	3,807	23,545	4,746	24,064	31,225	6,728	66,763	99,096	44,281	13,876	614,122
127,634	727,281	51,288	15,920	67,208	12,747	84,471	114,095	20,543	231,856	189,900	131,207	140,042	3,333,806
122,831	715,270	28,714	13,699	42,413	12,661	116,577	110,759	...	239,997	152,560	114,933	179,941	3,441,467
4,803	12,011	22,574	2,221	24,795	86	...	3,336	20,543	...	37,340	16,274	...	...
...	...	...	...	...	...	32,106	...	...	8,141	...	...	39,899	107,661

W. F. HOLMS,
Secretary to Government, Punjab,
Public Works Department, Irrigation Branch.

STATEMENT

IRRIGATION OPERATIONS OF THE KHARIF

Comparative Abstract of Irrigation and

DISTRICTS.		Of the District. Total area, in acres.	Of the District. Culturable area, in acres.	Of the District. Cultivated area, in acres.	Culturable area, commanded by canals in acres.	Area at present proposed to be annually irrigated, in acres.	Area irrigated in acres. Kharif 1917.	Area irrigated in acres. Kharif 1916.
1		2	3	4	5	6	7	8
Multan	Lower Sutlej Inundation Canals ...	3,811,257	3,376,465	1,173,071	905,152	250,000	143,103	135,001
	Chenab Inundation Canals				360,313	200,000	97,444	93,557
	Hajiwah Canals				...	...	(a) 17,338	(b) 14,072
Shahpur, Shahpur Canals Imperial	... ...	3,072,726	2,312,708	1,296,297	62,954	42,000	17,648	19,683
Muzaffargarh ...	Muzaffargarh Canals	3,567,301	3,060,970	753,561	674,932	350,000	160,528	169,673
Jhang ...		2,171,717	1,961,614	836,425	...	...	20	16
Hissar ...	Ghaggar Canals	3,318,830	3,163,686	2,700,356	72,978	46,834	9,603	10,237
Bikaner State		4,120,409	4,036,957	682,283	34,618	17,309	1,677	3,254
Total Imperial Canals ...		...	...	...	2,076,329	888,834	445,684	442,239
Total Bikaner State ...		...	...	...	34,618	17,309	1,677	3,254
Shahpur, Shahpur Canals (Provincial)		3,072,726	2,312,708	1,296,297	53,255	24,170	14,988	6,855
Total Provincial Canals ...		...	...	...	53,255	24,170	14,988	6,855
GRAND TOTAL ...		...	...	...	2,164,202	930,313	462,349	452,348

LAHORE:
The 8th April 1918.

Includes (a) 150 acres and (b) 92 acre

No. I.

CROP OF 1917 ON MINOR IRRIGATION WORKS.

Rainfall in the Punjab.

IN COMPARISON WITH LAST CROP.		RAINFALL IN KHARIF MONTHS (INCHES).													
		April.		*May.*		*June.*		*July.*		*August.*		*September.*		*Total.*	
Increase.	Decrease.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.	1917.	1916.
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
8,102	...	1·22	0·10	0·12	0·26	0·15	0·86	2·18	0·71	11·50	8·93	3·25	0·11	18·42	10·97
3,887	...	0·22	0·41	1·33	0·55	0·88	...	1·64	0·18	8·31	2·75	5·10	...	17·48	3·89
3,266	...	1·01	...	0·45	0·58	0·89	0·09	0·73	0·61	14·68	5·92	3·46	0·10	21·22	7·30
...	2,035	1·31	0·15	1·44	0·68	2·09	2·95	2·84	5·34	10·22	8·26	3·73	1·28	21·63	18·66
...	9,145 }	0·25	0·24	1·04	0·32	0·03	1·05	2·08	0·23	11·42	3·33	3·40	0·33	18·22	5·50
4	... }														
...	634	1·2	0·2	1·0	0·3	3·6	0·9	3·0	4·3	6·8	8·7	17·5	2·9	33·1	17·3
...	1,577	0·3	0·1	0·8	0·4	4·1	0·2	3·5	2·7	4·2	7·6	11·6	1·7	24·5	12·7
15,259	11,814														
+3,445															
...	1,577	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8,133	...	1·31	0·15	1·44	0·68	2·09	2·95	2·84	5·34	10·22	8·26	3·73	1·28	21·63	18·66
8,133	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23,392	13,391														
+10,001															

irrigated in the Montgomery District.

W. F. HOLMS,

Secretary to Government, Punjab,
Public Works Department, Irrigation Branch.

STATEMENT No. II.

IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1917 ON MINOR IRRIGATION WORKS.

Statement in acres of crops irrigated.

DESCRIPTION OF CROPS.	Multán.	Montgomery.	Shahpur.	Muzaffargarh.	Jhang.	Hissar.	Bikáner State.	GRAND TOTAL.
1	2	3	4	5	6	7	8	9
Sugarcane	1,514	...	163	5,208	...	...	...	6,885
Rice	19,982	...	910	58,887	2	9,167	...	88,948
Cotton	52,535	20	7,460	25,015	1	...	1	85,032
Indigo	38,664	...	...	30,683	...	...	...	69,347
Maize	1,741	2	273	35	...	...		2,051
Jowar and bajra	56,695	40	5,265	23,168	14	25	1,043	86,250
Other crops	86,604	88	18,565	17,532	3	411	633	123,836
Total kharif 1917 ...	257,735	150	32,636	160,528	20	9,603	1,677	462,349
Ditto 1916 ...	242,538	92	26,538	169,673	16	10,237	3,254	452,348
Increase in 1917	15,197	58	6,098	...	4	...		10,001
Decrease in 1916	...	...	...	9,145	...	634	1,577	...

LAHORE :
The 8th April 1918.

W. F. HOLMS,
Secretary to Government, Punjab,
Public Works Department, Irrigation Branch.

STATEMENT No. III.

Irrigation Operations of the Kharif Crop of 1917 on Minor Irrigation Works.

Statement in acres of crops irrigated in Canal Divisions.

Description of Crops.	Lower Sutlej and Hajiwah Inundation Canals.	Chenab Inundation Canals.	Shahpur Canals (Imperial).	Muzaffargarh Canals.	Ghaggar Canals (British and Bikaner).	Total (Imperial Canals).	Shahpur (Provincial Canals).	Grand Total.
1	2	3	4	5	6	7	8	9
Sugarcane	45	1,469	54	5,208	...	6,776	109	6,885
Rice	3,945	16,037	505	58,889	9,167	88,543	405	88,948
Cotton	28,818	23,737	6,805	25,016	1	84,377	655	85,032
Indigo	24,926	13,738	...	30,683	...	69,347	...	69,347
Maize	66	1,677	144	35		1,922	129	2,051
Jowar and bajra	45,603	11,132	4,021	23,182	1,068	85,006	1,244	86,250
Other crops	57,038	29,654	6,119	17,535	1,044	111,390	12,446	123,836
Total kharif, 1917	160,441	97,444	17,648	160,548	11,280	447,361	14,988	462,349
Ditto, 1916	149,073	93,557	19,683	169,689	13,491	445,493	6,855	452,348
Increase in 1917	11,368	3,887	...	...	...	1,868	8,133	10,001
Decrease in 1917	...	...	2,035	9,141	2,211	...	...	...

Lahore :
The 8th April 1918.

W. F. HOLMS,
Secretary to Government, Punjab,
Public Works Department, Irrigation Branch.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 30th March 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar	Hissar ...	17,162	12	12	24	12	7	5	..	...	1	2	...	3	...	6	1	2	3	37	36	1
2		Hánsi ...	14,576	7	11	18	21	10	11	...	...	11	1	1	...	...	8	2	2	4	64	75	2
3		Bhiwáni ...	31,100	17	5	22	118	61	57	...	5	86	6	1	5	...	15	8	...	8	37	198	3
4		Sirsa ...	14,629	...	2	2	6	3	3	..	..	...	2	1	...	...	3	1	2	3	7	21	4
5	Rohtak	Rohtak ...	19,862	5	2	7	8	6	2	...	...	...	7	...	...	..	1	2	2	4	19	21	5
6		Jhajjar ...	10,617	4	1	5	6	3	3	...	4	...	...	...	...	...	2	2	...	2	25	30	6
7		Sonepat ...	12,014	4	1	5	8	5	3	...	1	...	2	...	2	...	3	3	...	3	22	35	7
8	Gurgaon ...	Rewári ...	24,780	7	4	11	36	17	19	...	...	20	1	...	3	1	1	2		2	23	76	8
9	Karnál	Karnál ...	21,018	7	4	11	9	7	2	...	..	...	4	...	1	..	4	1	1	2	27	22	9
10		Kaithal ...	12,912	4	8	12	5	2	3	...	...	...	2	...	.	...	3	1	3	4	49	20	10
11		Pánipat ...	26,342	10	6	16	11	2	9	...	2	...	5	...	2	..	2	...	2	2	32	22	11
12		Shahabad ...	11,054	4	1	5	4	...	4	...	2	...	1	...	...	...	1	...	1	1	21	19	12
13	Ambála ...	Ambála ...	24,493	9	2	11	18	13	5		...	8	1	...	4	...	5	3	1	4	23	38	13
14		Jagádhri ...	12,045	1	3	4	5	3	2	...	...	1	3	...	...	...	1	...	...	..	17	22	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	2	6	8	6	2	4	...	...	2	3	...	1	...	...	...	...	...	24	18	15
16	Jullundur ...	Jullundur ...	55,354	17	19	36	54	34	20	...	...	18	12	1	17	...	6	8	3	11	34	51	16
17	Ludhiána ...	Ludhiána ...	43,152	18	11	29	76	33	43	...	...	42	20	3	6	...	5	...	6	6	25	92	17
18		Jagráon ...	15,039	7	5	12	87	45	42	...	...	71	8	1	2		5	1	1	2	42	303	18
19	Ferozepore ...	Ferozepore ...	24,678	8	1	9	5	4	1	...	...	...	2	1	1	...	1	2	...	2	19	10	19
20		Fázilka ...	10,985	4	4	8	17	7	10	...	...	5	8	1	2	...	1	1	4	5	38	81	20
21	Lahore ...	Lahore ...	210,271	71	46	117	134	73	61	...	...	11	70	6	26	4	17	12	11	23	29	33	21
22		Kasúr ...	24,783	4	6	10	57	35	22	...	..	40	8	...	...	...	9	3	2	5	21	120	22
23	Amritsar ...	Amritsar ...	151,339	50	49	99	172	96	76	...	2	22	44	2	44	47	11	9	9	18	34	59	23
24	Gurdáspur ...	Batála ...	26,430	8	10	18	28	16	12	...	1	11	7	1	7	...	1	1	4	5	36	56	24
25	Siálkot ...	Siálkot ...	48,595	13	23	36	23	11	12	...	...	...	8	1	5	...	9	5	3	8	39	25	25
26	Gujránwála	Gujránwála ...	28,687	4	9	13	7	4	3	...	...	...	4	...	1	...	2	2	...	2	24	13	26
27		Wazírabad ...	17,146	9	3	12	7	3	4	...	...	...	5	.	1	...	1	...	2	2	36	21	27
28	Gujrát ...	Gujrát ...	18,692	5	7	12	11	7	4	...	...	1	5	...	3	..	2	3	1	4	34	31	28
29		Jalálpur ...	11,615	4	5	9	2	1	1	...	...	...	2	...	...	..	...	...	...	...	40	9	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	5	12	17	8	5	3	...	...	...	5	...	3	...	...	1	...	1	58	27	30
31		Khusháb ...	10,159	3	...	3	5	5	...	...	...	...	3	1	1	...	...	...	...	...	15	26	31
32	Jhelum ...	Jhelum ...	...	Statement not received.																			32
33		Pind Dádan Khan	...																				33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	17	21	38	41	19	22	...	...	1	8	4	12	3	13	6	8	14	42	46	34
35	Lyallpur ...	Lyallpur ...	19,578	4	6	10	5	3	2	...	...	...	2	...	3	...	...	1	...	1	26	13	35
36	Jhang ...	Jhang-Maghiána	25,914	18	10	28	19	9	10	...	...	...	12	2	...	...	5	2	3	5	56	38	36
37		Chiniot ...	14,085	9	6	15	7	4	3	...	...	...	2	1	...	...	4	2	2	4	55	26	37
38	Multán ...	Multán ...	85,747	18	11	29	412	222	190	...	...	289	78	2	7	...	36	9	9	18	18	250	38
	Grand Total	...	1,173,627	389	332	721	1,450	777	673	...	17	640	353	30	162	55	193	94	84	178	32	64	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	4	4	8	3	2	1	...	...	...	1	...	...	...	2	...	...	...	22	8	
	Dharmsála	... ...	2,518	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ..	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 30th March 1918 there were 721 births registered in the 36 large municipal towns (389 males and 332 females), giving a birth rate of 32 *per mille* of population, and 1,450 deaths were registered (777 males and 673 females), giving a death rate of 64 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 33 against 30 in the corresponding week of the previous year, Amritsar 59 against 29 and Multán 250 against 29.

There were 5 deaths registered from small-pox in Bhiwáni, 4 in Jhajjar, 2 each in Pánipat, Shahabad and Amritsar and 1 each in Sonepat and Batála. Of the 640 deaths from plague, 289 were reported in Multán, 86 in Bhiwáni, 71 in Jagráon, 42 in Ludhiána, 40 in Kasúr, 22 in Amritsar, 20 in Rewári, 18 in Jullundur, 11 each in Hánsi, Lahore, and Batála, 8 in Ambála, 5 in Fázilka, 2 in Hoshiárpur and 1 each in Hissár, Jagadhri, Gujrát and Ráwalpindi.

Sanitary Commissioner's Office,
Lahore :
The 10th April 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

57 PGG—640—12-4-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 16.] LAHORE, FRIDAY, APRIL 19, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 16th April 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
1	Hissár ...	...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 8½ ... Bajra, 10½. Gram, 12½. Bejhar, 13. Prices generally between warning and scarcity rates.	Standing crops average; gram and barley being reaped. Yield normal.	...
2	Rohtak ...	...	1. Sufficient. 2. (a) Do. (b) Adequate. 3. Generally good.	Wheat, 8 ... Gram, 13. Barley 14. Jowar, 13. Bajra, 10. Prices generally between normal and warning rates.	Reaping of gram and wheat continues. Expected yield normal. Standing extra spring crops good.	Sowings of sugarcane and irrigated cotton continue and are yet below normal.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Canal flowing in Núh Tahsil; supply sufficient. 3. Good.	Wheat, 8 to 10½... Barley, 13½ to 15. Gram, 13½ to 14½. Jowar, 8 to 10. Bajra, 9 to 13. Maize, 11 to 12. Prices between normal and scarcity rates.	Condition and expected yield of wheat good. Barley, rapeseed and gram being reaped. Expected yield below normal.	...
4	Ambála ...	...	1. Sufficient. ... 2. (a) Do. (b) Adequate. 3. Generally good.	Wheat, 8¾ ... Gram, 12½. Barley, 14. Maize, 13. Bajra, 9½. Prices generally between normal and warning rates.	Spring crops being reaped. Yield expected to be below normal. Standing extra spring crops good.	...
5	Jullundur ...	...	1. Inadequate ... 3. Generally good.	Wheat, 8½ ... Barley, 11½. Gram, 9. Maize, 12. Bajra, 10. Prices generally between warning and scarcity rates.	Standing irrigated crops average to good and unirrigated below average. Sowings of extra spring crops nearly completed and reaping of unirrigated spring crops commenced.	...
6	Ferozepore ...	...	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 8¾ ... Gram, 11. Prices between warning and scarcity rates.	Standing irrigated crops good and unirrigated average. Barley being harvested. Yield below normal on irrigated area and normal on unirrigated area.	Sowings of sugarcane and cotton continue and are normal.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8 ... Gram, 10½. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Gram and barley being reaped. Yield normal. Sowings of tobacco continue to a large extent.	Cotton and irrigated sugarcane being sown to a large extent.
8	Amritsar ...	...	1. Insufficient .. 2. (b) Canals flowing by rotations; supply sufficient. 3. Good.	Wheat, 10 ... Barley, 12. Gram, 10½. Maize, 9½. Jowar, 8. Bajra, 9¾. Prices between warning and scarcity rates.	Standing crops average. Gram and barley being reaped.	Sowings of sugarcane and cotton continue and are below normal.
9	Siálkot ...	...	1. Dry fodder scarce; green procurable 2. (a) Sufficient. (b) Canal closed. 3. Good.	Wheat, 6½ and 7 ... Barley, 12 and 12½. Gram, 8½ and 9. Prices close and scarcity rates.	Standing crops good. Yield of barley and masar normal.	Crops being sown.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Good.	Wheat, 8 to 9½ ... Gram, 11 to 14. Bajra, 11¼ to 12½. Maize, 10 to 11¼. Prices between normal and scarcity rates.	Standing crops average. Reaping of irrigated barley and unirrigated gram continue in Khusháb Tahsil, and commenced in Sargodah Tahsil. Expected yield normal. Sowings of tobacco and melons continue and are normal. Germination fair.	Cotton being sown to a normal extent.
11	Ráwalpindi ...	...	1. Available ... 3. Good.	Wheat, 7½ ... Barley, 12 Gram, 8¾. Maize, 10¾. Bajra, 10½. Jowar, 7. Prices between warning and scarcity rates.	Standing irrigated crops good and unirrigated average. Reaping of rapeseed and taramira continues. Expected yield normal. Sowings of melons commenced and are normal.	Sowings of cotton commenced to normal extent.
12	Miánwáli ...	...	1. Procurable ... 2. (a) Do. (b) Nammal Canal flowing; supply sufficient. 3. Fair.	Wheat, 8½ .. Gram, 12½. Bajra, 12. Jowar, 8. Prices generally between warning and scarcity rates.	Standing irrigated crops good and unirrigated average. Reaping of gram and barley commenced. Expected yield above normal on irrigated area and normal on unirrigated area. Sowings of extra spring crops continue and are normal.	Cotton, jowar and fodder being sown to normal extent.
13	Lyallpur ...	...	1. Sufficient ... 2. (b) Satisfactory. 3. Generally good.	Wheat, 9 ... Gram, 10. Prices at scarcity rates.	Standing crops good. Reaping of gram, barley and wheat commenced. Yield of wheat and gram expected to be above normal.	Sowings of sugarcane, cotton and fodder continue.
14	Multán ...	...	1. Available but decreasing. 2. (b) Inundation Canals dry. 3. Generally fair.	Wheat, 8½ ... Gram, 8½. Bajra, 9. Barley, 12. Jowar 8. Prices between warning and scarcity rates.	Condition of standing spring and extra spring crops generally average. Reaping of gram and barley continues and of wheat commenced. Vegetables being sown in Shujabád Tahsil.	Chari being sown.

GENERAL REMARKS

No rain, nor was any needed. Condition of wheat and other standing crops on irrigated area is good and on unirrigated area generally average. Reaping of barley, gram and oilseeds continue and of wheat in some southern districts commenced. Yield expected to be normal or slightly below it. Sowings of extra spring crops, sugarcane and cotton in progress and are generally normal. Cattle are healthy, and fodder is sufficient except in a few districts. Prices are generally stationary and range between warning and scarcity rates. Prices of wheat :— Ráwalpindi 7½, Lahore 8, Ambála and Ferozepore 8¾ and Lyallpur 9 seers per rupee.

B. D. SINGH, Head Asstt.,

for *Director of Land Records, Punjab.*

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 6th April 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	3	7	10	6	4	2	..	...	...	2	...	...	...	4	...	...	...	30	18	1
2		Hánsi ...	14,576	6	7	13	28	13	15	...	...	14	5	1	1	...	7	2	2	4	46	100	2
3		Bhiwáni ...	31,100	12	8	20	122	65	57	...	4	100	2	4	2	...	10	5	2	7	34	205	3
4		Sirsa ...	14,629	4	2	6	8	6	2	..	...	...	4	...	2	...	2	1	...	1	21	29	4
5	Rohtak ...	Rohtak ...	19,862	9	8	17	6	1	5	...	...	1	1	...	3	..	1	...	1	1	45	16	5
6		Jhajjar ...	10,617	6	4	10	2	...	2	...	1	...	...	...	1	...	...	...	1	1	49	10	6
7		Sonepat ...	12,014	2	3	5	5	3	2	...	...	...	1	1	...	...	3	3	...	3	22	22	7
8	Gurgaon ...	Rewári ...	24,780	11	10	21	75	38	37	...	...	37	4	4	17	...	13	...	..	...	44	158	8
9	Karnál ...	Karnál ...	21,018	15	5	20	15	8	7	...	...	...	7	1	3	...	4	...	1	1	49	37	9
10		Kaithal ...	12,912	9	5	14	8	5	3	...	...	...	4	...	...	...	4	2	2	4	57	33	10
11		Pánipat ...	26,342	14	18	32	12	5	7	...	1	...	8	...	...	...	3	2	4	6	63	24	11
12		Shahabad ...	11,054	2	2	4	8	4	4	...	4	1	1	...	1	...	1	...	1	1	19	38	12
13	Ambála ...	Ambála ...	24,493	7	16	23	18	6	12	..	...	8	1	1	7	...	1	...	...	...	49	38	13
14		Jagádhri ...	12,045	5	10	15	11	9	2	...	...	1	3	...	4	...	3	2	1	3	65	48	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	7	7	14	18	6	12	...	...	2	9	...	1	...	6	...	1	1	43	55	15
16	Jullundur ...	Jullundur ...	55,354	21	16	37	54	29	25	...	...	21	13	3	10	1	6	8	2	10	35	51	16
17	Ludhiána ...	Ludhiána ...	43,152	14	18	32	75	40	35	...	...	47	13	3	4	...	8	2	2	4	39	91	17
18		Jagráon ...	15,039	7	5	12	108	53	55	...	...	94	9	...	1	..	4	1	2	3	42	376	18
19	Ferozepore ...	Ferozepore ...	24,678	9	5	14	8	5	3	...	...	...	4	...	2	...	2	1	...	1	29	17	19
20		Fázilka ...	10,985	1	3	4	33	19	14	...	...	20	5	2	3	...	3	1	1	2	19	157	20
21	Lahore ...	Lahore ...	210,271	59	47	106	128	71	57	...	...	8	60	6	31	1	22	13	12	25	26	32	21
22		Kasúr ...	24,783	7	6	13	37	20	17	...	..	28	6	...	1	..	2	2	2	4	27	78	22
23	Amritsar ...	Amritsar ...	151,339	49	57	106	143	86	57	...	...	33	48	6	35	2	19	5	7	12	36	49	23
24	Gurdáspur ...	Batála ...	26,430	8	6	14	14	8	6	...	..	5	4	...	5	...	...	1	1	2	28	28	24
25	Siálkot ...	Siálkot ...	48,595	23	18	41	21	11	10	...	...	...	8	..	7	...	6	2	2	4	44	23	25
26	Gujránwála	Gujránwála ...	28,687	14	5	19	26	12	14	...	...	...	15	2	4	...	5	1	2	3	35	48	26
27		Wazírabad ...	17,146	2	6	8	12	8	4	...	...	...	8	...	4	...	...	1	1	2	24	36	27
28	Gujrát ...	Gujrát ...	18,692	12	10	22	8	4	4	...	...	...	4	...	1	...	3	1	1	2	62	22	28
29		Jalálpur ...	11,615	2	4	6	4	2	2	...	...	...	2	...	...	...	2	1	...	1	27	18	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	4	4	8	10	3	7	...	...	2	2	1	1	...	4	...	2	2	27	34	30
31		Khushâb ...	10,159	4	1	5	10	3	7	...	...	1	2	1	5	...	1	...	...	...	26	51	31
32	Jhelum ...	Jhelum ...	12,298	5	2	7	8	5	3	...	...	...	4	...	...	...	4	..	2	2	29	34	32
33		Pind Dádan Khan	10,590	4	2	6	55	31	24	...	...	51	2	...	...	...	2	1	...	1	30	271	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	14	13	27	21	8	13	...	...	..	10	1	5	...	5	2	7	9	30	23	34
35	Lyallpur ...	Lyallpur ...	19,578	7	5	12	8	4	4	...	...	...	5	...	1	...	2	2	1	3	32	21	35
36	Jhang ...	Jhang-Maghiána	25,914	9	9	18	21	10	11	...	...	...	7	2	2	...	10	4	7	11	36	42	36
37		Chiniot ...	14,085	3	11	14	4	1	3	...	...	...	1	...	...	.	3	...	2	2	51	15	37
38	Multán ...	Multan ...	85,747	20	18	38	420	231	189	...	...	236	116	1	8	...	59	8	6	14	23	255	38
		Grand Total ...	1,196,515	410	383	793	1,570	837	733	...	10	710	400	40	172	4	234	74	78	152	35	68	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	4	3	7	10	6	4	...	...	..	5	...	3	...	2	2	...	2	19	27	
	Dharmsála	... ...	2,518	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ..	... ...	938	1	...	1	...	...	..	...	...	...	...	...	...	...	...	...	...	...	48	...	
	Murree ...	... ...	1,361	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 6th April 1918 there were 793 births registered in the 38 large municipal towns (410 males and 383 females), giving a birth rate of 35 *per mille* of population, and 1,570 deaths were registered (837 males and 733 females), giving a death rate of 68 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 32 against 28 in the corresponding week of the previous year, Amritsar 49 against 30 and Multán 255 against 30.

Of the 10 deaths from small-pox 4 each were registered in Bhiwáni and Shahabad and 1 each in Jhajjar and Pánipat. There were 236 deaths reported from plague in Multán, 100 in Bhiwáni, 94 in Jagráon, 51 in Pind Dadan Khan, 47 in Ludhiána, 37 in Rewári, 33 in Amritsar, 28 in Kasúr, 21 in Jullundur, 20 in Fázilka, 14 in Hánsi, 8 each in Ambála and Lahore, 5 in Batála, 2 each in Hoshiárpur and Bhera, and 1 each in Rohtak, Shahabad, Jagádhri and Khusháb.

Sanitary Commissioner's Office, Lahore :
The 16th April 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

138 PGG—640—19-4-18—SGPP Lahore.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Canal flowing but no irrigation was done. 3. Good.	Wheat, 8¼ to 10... Barley, 14 to 16½. Gram, 13¾ to 15½. Jowar, 9 to 12. Bajra, 9 to 16. Maize, 11 to 12. Prices generally between normal and warning rates.	Spring crops nearly reaped. Expected yield below normal.	...
4	Ambala ...	...	1. Adequate ... 2. (a) Sufficient. (b) Canal closed. 3. Generally good.	Wheat, 8¾ ... Gram, 12¼. Barley, 14. Maize, 13. Bajra, 9¾. Prices generally between normal and warning rates.	Reaping continues. Expected yield below normal. Extra spring crops in good condition.	...
5	Jullundur ...	...	1. Inadequate ... 2. (a) Adequate. 3. Generally good.	Wheat, 8½ ... Barley, 11½. Gram, 9. Maize, 12. Bajra, 10. Prices generally between warning and scarcity rates or at above scarcity rates.	Condition of extra spring crops good. Reaping of unirrigated spring crops completed and of irrigated crops continue. Yield expected to be average on irrigated area and below average on unirrigated area.	Sugarcane and cotton being sown.
6	Ferozepore ...	...	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 9½ ... Gram, 12. Prices between normal and warning rates.	Standing irrigated crops good and unirrigated average. Reaping of barley almost finished and of gram and wheat commenced. Yield generally normal.	Sowings of sugarcane and cotton continue and are below normal.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8½ ... Gram, 11 Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Gram and wheat being reaped. Yield expected to be average.	Sowings of sugarcane and cotton continue to a large extent.
	Amritsar ...	0·16 at Ajnala ...	1. Insufficient .. 2. (b) Canals flowing by rotations; supply sufficient. 3. Good.	Wheat, 9¾ ... Barley, 11½. Gram, 10¼. Maize, 10¼. Jowar, 8. Bajra, 9¾. Prices generally between warning and scarcity rates.	Standing crops average. Gram, barley and wheat being reaped.	Sowings of sugarcane and cotton continue and are below normal.
8	[illegible] ...	...	1. Green fodder procurable 2. (a) Sufficient. (b) Canal closed. 3. Good.	Wheat, 6½ to 7 ... Barley, 11 to 14. Gram, 8½ to 9. Prices generally between warning and scarcity rates.	Standing crops good. Yield of wheat and other crops expected to be average.	Sowings continue and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
10	Shahpur ...	0·03 at Shahpur ..	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Good.	Wheat, 8 to 10 ... Gram, 11 to 13½. Bajra, 12 to 12½. Maize, 10 to 12." Prices generally between normal and warning rates.	Standing crops average. Reaping of gram, barley, &c., continues and of wheat commenced. Yield expected to be normal. Sowings of extra spring crops continue, and are normal. Germination fair.	Cotton being sown. Area sown normal.
11	Ráwalpindi ...	0·54 at Sadr ... 0·29 at Gujar Khan. 0·59 at Murree.	1. Available ... 3. Good.	Wheat, 7¼ ... Barley, 12 Gram, 8¼. Maize, 10⅝. Bajra, 10¼. Jowar, 6⅞. Prices between warning and scarcity rates or at above scarcity rates.	Standing irrigated crops good and unirrigated average. Reaping of barley, rapeseed, &c., continue. Expected yield average. Sowings of extra spring crops continue, and are normal.	Cotton being sown. Area sown normal.
12	Miánwáli ...	0·13 at Sadr 0·20 at Isa Khel. 0·05 at Bhakkar.	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat, 8¼ .. Gram, 12. Bajra, 11. Jowar, 7. Prices generally between warning and scarcity rates.	Standing irrigated crops above average and unirrigated average. Reaping of gram and wheat commenced. Expected yield above normal on irrigated area and normal on unirrigated area. Sowings of extra spring crops in progress, and are normal.	Sowings of cotton, fodder, &c., continue to normal extent.
13	Lyallpur ...	Slight rain ...	1. Sufficient ... 2. (b) Satisfactory. 3. Generally good.	Wheat, 9 ... Gram, 11. Prices between warning and scarcity rates.	Standing crops good. Reaping of gram and barley completed, and of wheat continues. Yield expected to be above normal.	Sowings of sugarcane nearly finished and are normal. Sowings of cotton in progress.
14	Multán ...	0·20 at Mailsi ... 0·05 at Lodhrán.	1. Available but decreasing. 2. (b) Inundation Canals dry; Sidhnai Canal flowing. 3. Generally fair.	Wheat, 8½ ... Gram, 8½. Bajra, 10. Barley, 12. Jowar 8½. Prices between warning and scarcity rates.	Condition of standing spring and extra spring crops average, except in Multán where they have been damaged by hail. Crops also damaged by flood in parts of Shujábad Tahsil. Gram, barley and wheat being reaped, and vegetables being sown.	Rice, cotton and fodder being sown.

GENERAL REMARKS.

Light rain has fallen in parts of a few south-eastern and western districts. Condition of irrigated wheat and other crops is generally good, and that of unirrigated crops average. Wheat and other spring crops are being reaped. Yield expected to be normal to good on irrigated areas, and normal or below normal on unirrigated areas. Sowings of extra spring crops, sugarcane and cotton, continue and are generally normal. Cattle are healthy and fodder is sufficient except in a few districts. Prices have fallen slightly in some districts and range between warning and scarcity rates, except in the south-east where they are between normal and warning rates. Prices of wheat – Ráwalpindi 7¼, Lahore 8½, Ambála 8¾, Lyallpur 9 and Ferozepore 9½ seers per rupee.

MAHBUB SHAH, Supdt.,

for *Director of Land Records, Punjab.*

TABLE OF RAINFALL RECORDED AT STATIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fatahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hissar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...
	Hansi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	0·17	...
	Bhiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...
	Budhlada	...	0·40		...		...	...	...	...	...	...	...	...	...	...	...	...		...	0·42	...
	Tohana	...	...			...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...
Rohtak.	**Rohtak**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	0·68	...
	Sampla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...
	Jhajjar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	0·39	...
	Salhawas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	0·11	...
	Beri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	0·45
	Sonepat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...
Gurgaon.	Farrukhnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jatusana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rewari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		0·24
	Khol	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tauru	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nuh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	0·02	0·05
	Firozpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	0·68
	Hasanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04
	Hattin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	1·29
	Sohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·28
	Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	0·50
	Punahana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ballabgarh	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	...	...	...	...	...	0·20	...
Karnal.	Panipat	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	...	0·11	...	...	0·12	...
	Karnal	...	...	R	...	...	...	...	...	...	...	**0·08**	...	...	...	...	R	...	...	...	...	...
	Rajaund	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kaithal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...
	Gulab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·38	...	...	...	0·09	0·20
	Thanesar	...	...	0·08	...	...	...	...	...	...	...	...	...	...	...	...	...	0·19	...	...	0·06	...
Ambala.	Jagadhri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·31	...
	Ambala	...	...	**0·20**	...	**0·03**	...	...	...	...	...	...	...	...	...	...	0·05	0·13	...	...	**0·13**	...
	Naraingarh	...	...	0·30	...	0·17	...	...	...	...	...	...	...	...	...	...	...	0·14	...	...	0·10	...
	Kharar	...	...	0·18	...	0·12	...	...	...	...	...	...	...	...	...	...	0·04	0·4[illegible]	...	...	0·10	...
	Ruper	...	...	0·32	...	0·08	...	...	...	...	...	...	...	...	...	...	0·04	0·23	...	...	0·27	0·34
	Kasauli	...	...	0·46	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·92	...	...	0·54	0·45
	Dadupur *C*	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	0·20	...
Simla.	Baraull	...	...	0·54	0·10	...	...	...	...	...	...	...	...	...	...	...	0·13	0·66	...	...	0·22	0·84
	Simla	...	...	**0·90**	**0·10**	...	...	...	...	...	...	**0·08**	...	...	...	...	**0·10**	**0·80**	...	...	**0·69**	0·48
	Kot Khai	...	0·98	0·22	...	...	...	...	0·03	...	...	...	...	...	...	...	0·90	...	...	[illegible]		0·38
	Kotgarh	...	1·10	0·78	...	...	...		0·10	0·16	...	...	...	...	...	...	0·75	...	...	0·30	1·00	0·10
	Kilba	...	...	1·51	1·34	...	...	0·03	0·05	0·20	...	...	...	...	...	...	0·24	0·03	...	0·25	1·00	...

C Denotes canal

? In dicates that no

R Denotes slight rainfall

IN THE PUNJAB FOR THE MONTH OF MARCH 1918.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st March 1918.	Average rainfall from 1st October up to 31st March.	Station.	District.
...	0·24	...	...	...	...		...		0·11	2	1·1	0·35	0·46	0·24	4·74	2·00	Sirsa	Hissar.
	0·29	...	...	...	...	...	...		...	1	0·8	0·29	0·89	0·29	5·16	2·06	Fatahabad	
0·10	...	...	...	...	...		...	...	...	**1**	**1·1**	**0·19**	**0·56**	**0·10**	**7·32**	**2·39**	**Hissar**	
0·22		...	...	...		...	...	...	...	2	1·0	0·4[illegible]	0·45	0·22	8·72	2·18	Hansi	
0·07	...	...	...	...	...	...	...	...		1	1·0	0·17	0·44	0·10	3·12	2·04	Bhiwani	
0·51		...		...		...	...	...	...	2	1·2	0·33	0·50	0·51	8·64	2·43	Budhlada	
0·24	0·12	...	...	...	...	...	...	...	...	2	0·9	0·36	0·60	0·24	3·73	2·47	Tohana	
0·50	**0·10**	...	...	...	...	...	...	...	...	**2**	**1·2**	**0·60**	**0·58**	**0·5[illegible]**	**3·25**	**2·56**	**Rohtak**	Rohtak.
0·05		...	...	...	...	...	...	...	...	1	0·9	0·77	0·56	0·68	6·13	2·70	Gohana	
0·70	...	...	...	...	...		...	...	...	2	0·9	0·85	0·45	0·70	4·30	2·26	Sampla	
0·32	...	...	...	...	...		...	...	...	2	1·0	0·73	0·58	0·39	4·83	2·49	Jhajjar	
0·25	...	...		...	...		...	...	...	2	0·5	0·39	0·40	0·25	3·78	2·03	Salhawas	
...	...	...			...	...		...	...	2	?	0·[illegible]2	0·47	0·45	3·50	3·22	Beri	
0·33	...	...		...	...				...	2	1·0	0·53	0·54	0·33	3·05	2·81	Sonepat	
		...			...	...	...	...	...	Nil	1·0	Nil	0·45	Nil	1·75	2·60	Farrukhnagar	Gurgaon.
0·10				...	...	...	...		...	1	[illegible]·0	0·10	0·47	0·10	1·20	2·22	Jatusana	
0·10	...	...	...	...	...	...	...		...	2	1·0	0·34	0·39	0·24	4·84	2·18	Rewari	
	...	...	...	...	...	...	...			Nil	[illegible]·7	Nil	0·26	Nil	2·67	2·43	Khol	
0·40	...	...	...	...		...		...		1	0·8	0·40	0·41	0·40	2·22	2·78	Tauru	
...	0·01		...	...		...	...		...	Nil	0·9	0·08	0·44	0·05	2·61	2·52	Nuh	
0·05	...		...	...		...	...	...	...	2	0·7	0·87	0·31	0·68	3·11	1·98	Firozpur	
...	...			...	...		...		...	Nil	?	0·04	?	0·04	1·44	?	Hasanpur	
...		...	...	...	...		...	...	...	Nil	0·8	Nil	0·36	Nil	1·60	2·37	Hattin	
0·01	0·06	...	...	...	...	...	...	...	...	1	0·9	1·39	0·53	1·29	4·48	2·59	Palwal	
0·16	...	...	...	...	...	...	...	...	...	2	0·6	0·44	0·36	0·28	3·08	2·54	Sohana	
0·05	...			...	...		...	...	...	**1**	**1·3**	**0·57**	**0·47**	**0·50**	**4·01**	**2·81**	**Gurgaon**	
	...	...	...	...		...		...	...	Nil	0·9	Nil	0·37	Nil	2·50	2·79	Punahana	
0·04	...	...		...	...	...	...	...	...	1	1·1	0·30	0·49	0·20	3·29	2·63	Ballabgarh	
...	...	...	...	...	...	...	...	...	...	3	1·1	0·53	0·[illegible]0	0·30	4·23	2·94	Panipat	Karnal.
0·25	...	...	...	...	...	...		...	...	**1**	**1·7**	**0·33**	**0·77**	**0·25**	**6·73**	**4·21**	**Karnal**	
0·28	...	...	...	...	...	...	...	...	...	1	0·8	0·28	0·46	0·28	4·68	2·40	Rajaund	
0·10	...	...	...	...				...	0·11	2	1·1	0·29	0·52	0·10	6·47	2·81	Kaithal	
...	...	...	...	...	...		...	...	...	2	1·3	0·67	0·81	0·38	9·60	3·30	Gulah	
0·19	0·20	...	...	...		...	...	...	...	3	1·1	0·[illegible]2	0·57	0·20	7·35	3·75	Thanesar	
0·16	0·11	...	...	...			...	...	...	3	1·2	0·58	0·81	0·31	10·72	5·06	Jagadhri	Ambala.
0·13	**0·08**	...		...		...	...	...	...	**4**	**1·6**	**0·70**	**0·84**	**0·20**	**8·84**	**4·89**	**Ambala**	
...	0·22	...	...	...	...	...	...	...	...	5	1·6	0·93	0·72	0·30	10·02	5·34	Naraingarh	
0·16	0·18	0·15	...	...	...	...	...	...	...	7	1·5	1·35	0·77	0·42	9·03	4·92	Kharar	
...	0·80	0·12		...	...	...	...	...	0·30	6	1·3	2·23	0·78	0·80	11·12	5·08	Rupar	
0·13	0·57	0·10	...	...	...	...	...	...	...	8	2·7	3·27	1·97	0·92	17·48	8·95	Kasauli	
0·10	0·10	...	...	...	...		...	...	...	5	1·5	0·60	0·81	0·20	11·10	5·61	Dadupur C	
0·21	0·95	0·48	...	...	...	...		...	0·05	9	2·8	4·18	1·62	0·95	13·11	8·28	Barauli	Simla.
0·16	**0·97**	**0·38**	...	...	...	...	...	...	**0·04**	**9**	**4·6**	**4·68**	**2·75**	**0·97**	**13·37**	**10·45**	**Simla**	
1·[illegible]0	0·27	...	...	...	...		...		0·60	8	4·7	5·58	3·04	1·50	13·89	10·63	Kot Khai	
0·85	1·25	...	...	...	...	0·40	...	...	0·50	12	5·2	7·24	3·51	1·25	16·58	10·73	Kotgarh	
1·65	0·18	...	...	...		0·01	...	...	0·73	9	7·3	7·22	5·26	1·65	15·39	16·54	Kilba	

rain-gauge station.
averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station	1st.	2nd.	3rd	4th.	5th	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jind State.	Dhaneta C ...	...	...	...	...		...	...		...	0·18		...	...		...	.	...	...	...	...	...
	Safidan C ...	...	...	...	...	...		...	..	...	...	...	...	...	..	..	.	..	...	..	...	...
	Jind C ...	...	..	...	...	...	...	..	.	...	...	...	...	...	...	...	...	...	...	...	..	...
Bikaner State.	Chhani C ...	...	...	...	...		...	...	...	...	...		..	...			..		...	...	...	...
Patiala State.	Kotra C ...	..	...	...	...	...	...	...	...	...	...			...	...	...	...	0·05	...	...	...	...
	Jodhpur C ...	...	...	0·15	...	...	...	...	...	...	...		...	...		..	...	0·17	...	...	..	...
	Raniki C ...	...	0·35	...	0·05	-	..	...		0·12	...	..	..	..		0·12	0·10	...	...	...		0·13
	Lehal C ...	...	...		...	.	...		...	...	0·80	..		...	...	..	0·20	0·80			0·18	...
	Gujran C ...	...	...	..	..		..	..		...	...	...	...	...	...	...		1· 0	...	...	...	..
	Barthala C ...	..		...	...	0·09	...	...	...	..	0·07	...	...	...	...	.	...	0·19		..	0·01	-
Nabha State.	Dadahur C ...	...	0·18	...	0·05	...	...		...	...	...	...	..	...	...	...	0·58	...	...	...	..	0·2
	Bundher C ...	...	...	..	...			..	..	...	...	...	...		...	...	1·00		...	..	...	-
Kangra.	Banjar (Saraj Tahsil)	...	...	0·95	0·88	0·08	..	..	0·05	0·31	...	...	...		..	...	0·17	0·75	..	...	1·02	1·11
	Kulu ...	..	..	0·44	1·17	...	...	..	0·18	0·89	0·02	0·11		...	...	...	0·24	1·83	...	...	1·68	1·19
	Nagar ...	...	..	0·85	0·65	...		0·03	0·62	0·97	0·11	0·11	..	.	...	...	0·84	1·88	..	0·07	1·90	1·10
	Palampur ...	..	..	0·20	0·11	...	..	0·03	0·09	0·31	0·06	...	..	...		...	0·31	1·90	...	...	2·81	...
	Hamirpur ...	...	..	0·13	0·11	0·06	...	.	...	...	...	0·10	..	...		...	0·28	1·00		...	0·90	0·11
	Dera ...	...	...	0·09		0·07		...	...	0·05	0·02	...	..			..	0·15	1·28	...	0·03	1·95	-
	Kangra ...	...	..	0·07	0·41	0·09	...	...	...	0·19	0·09	0·03	...	...	..	...	0·55	1·15	...	...	2·15	-
	Dharmsala ...	...	...	...	**0·26**	0·02	..	..	**0·2**	**0·32**	...	...	...	..	...	...	**0·56**	**1·98**	...	**0·28**	2·02	-
	Nurpur ...	...	...	...	..		...	...	0·20	...	0·10	..	...	...	...	0·50	0·80	...	...	0·80	...	-
Hoshiarpur.	Dasuya ...	...	...	...	...	...	...	...	..	...	0·23		...	...	...	...	0·31	0·80	...	0·08	0·99	-
	Una ...	...	...	0·08	...	.	...	..	..	...	...	...	..	.	...	..	0·22	0·60	...	...	1·12	-
	Garhshankar ...	...	...	0·21	..	...	...	.		...	..	...	...		...	...	0·17	0·25	...		0·33	-
	Hoshiarpur	...	...	...	...	...	...	...	...		...	...					**0·36**	**0·79**	...	**0·07**	1·13	..
	Tanda	...	...	...	0·04	0·34		...	...	...	...		..	..		0·84	0·56	...	...	0·12	0·82	0·2
Jullundur.	**Jullundur** ...	...	...	**0·17**	..	.	...	..	..	...						...	**0·27**	**1·31**	...	...	0·93	-
	Nakodar ...	...	...	0·20	...	0·08	..	...	...	...	...	...	.	...	..	...	0·14	0·82	...	...	0·14	-
	Phillaur ...	...	...	0·21	..	0·04	...	...	...		0·25	...	...	.	...	...	0·24	1·00	..	...	0·05	-
	Nawashahr ...	...	...	0·30	...	...	...	...	...	...	0·05	...	...	...	...	..	0·16	0·19	...	...	0·41	-
Ludhiana.	Samrala ...	..		0·29	...	0·09	...	..	...	...	...	..	...	...	...	..	..	0·40	...	...	...	...
	Ludhiana ...	...	..	**0·31**	...	**0·07**	..	..	...		...	**0·09**	...		...		**0·.9**	**0·41**	...		..	.
	Jagraon ...	...	...	0·25	..	0·14	...	..	.	...	..	...	...	...	...	..	0·12	0·10	...	..	..	-
Ferozepore.	Moga ...	...	..	0·18	..	0·12	...	...	...	...	...	...	...	...	...	...	0·27	0·41	...		..	-
	Zira ...	...	...	0·22	...	0·11		...	...	...	...	...	...	...	...	...	..	1·07	.	...	0·30	-
	Ferozepore Sadr ...	...	...	**0·35**	...	**0·09**	...	...	..	-	...	...	...	...	..	...	**0·10**	1·45	...	...	**0·32**	-
	Ferozepore City ...	...	...	0·30	...	0·10	...	...	...	...	...	...	..	...	.	..	0·20	1·60	...	..	0·35	-
	Muktsar ...	..	...	0·20	...	0·07	...	..	...	...	...	...	..	.	...		0·13	...	...		..	-
	Fazilka ...	...	...	0·27	..	..	...	..	...	...	...	...	...	...	...	...	0·08		...	..	..	-
	Nathana ...	...	...	0·22	..	..	.	..	...	...	.	...	...	...	.	..			...	.		-
	Jalalabad ...	...			...	..	..	...	.	...	...	..	...	...	...	...	...	...	...	.	0·29	...
	Abohar ...	...			0·15	..	..	...	...	...	...	.	...	...	...	...			...	...	...	-
	Gobindgarh C ...	...	...	0·15	...	..	...	...	...	...	...	...	...	...	...	...	0·04	0·09	...	.	...	-
	Phidda C ...	..	0·50	...	...	...	..	...	...	...	...	...	...	...	..	...	0·20	0·05	...		...	-

C—Denotes canal
? —Indicates that no

Punjab for the month of March 1918—continued

24 22nd.	25 23rd.	26 24th.	27 25th.	28 26th.	29 27th.	30 28th.	31 29th.	32 30th.	33 31st.	34 Number of rainy days.	35 Average number of rainy days.	36 Total rainfall for the month.	37 Average rainfall for the month.	38 Heaviest rainfall during the month.	39 Total rainfall from 1st October 1917 up to 31st March 1918.	40 Average rainfall from 1st October up to 31st March.	2 Station	1 District.
0·20	0·15	...	...	...			...	...	...	3	1·1	0·53	0·88	0·20	12·31	3·16	Dhaneta *C*	Jind State.
0·20	..	...		...	...	...	...		...	1	0·6	0·20	0·45	0·20	4·40	3·09	Safidan *C*	
0·30	...	...	...	...	..	...	...	...	...	**1**	**0·8**	**0·30**	**0·46**	**0·30**	**5·20**	**2·52**	**Jind** *C*	
..	...	...	..	...	...		...	...	...	Nil	0·6	Nil	0·35	Nil	5·10	1·55	Chhani *C*	Bikaner State.
.	0·20	..	...		...	...	...	...	..	1	1·1	0·25	0·53	0·20	8·07	2·12	Kotra *C*	Patiala State.
0·55	0·45	..	...	...	...	...	...	..	...	4	1·0	1·32	0·49	0·55	5·27	2·50	Jodhpur *C*	
0·60	...	..	...	...	...	...	...	0·03	...	6	1·4	1·52	0·92	0·60	9·13	3·16	Raniki *C*	
0·24	...	..	...	...	..	...	...	...	...	5	1·5	2·22	1·04	0·80	12·17	4·63	Lehal *C*	
0·50	0·50	..	...	...	...	...	...	.		3	1·3	2·00	0·83	1·00	12·85	3·15	Gujran *C*	
0·71	0·50	..	...	...	...	...	...	...	...	4	1·7	1·90	1·00	0·71	9·92	4·36	Barthala *C*	
0·98	...	...	...	...	...	..	...	...	0·10	5	1·2	2·41	0·73	0·98	6·5[illegible]	3·20	Dadahur *C*	Nabha State.
0·40	...	...	...	...	..	...	...	...	...	2	1·1	1·40	0·57	1·00	7·30	2·40	Bundher *C*	
0·07	1·77	1·35	0·05	...	...	..	0·05	...	...	9	6·0	8·63	3·09	1·77	19·89	11·57	Banjar (Saraj Tahsil)	Kangra.
0·07	1·78	0·86	...	...	...	...	0·18	...	0·04	12	6·1	10·68	4·37	1·53	20·49	16·28	Kulu	
0·21	1·33	0·58	0·13	...	..	...	0·23	...	0·06	15	7·7	1[illegible]·67	6·06	1·90	19·45	20·93	Nagar	
0·33	1·50	0·75	...	...	..		...	...	0·11	10	5·8	8·51	3·74	2·81	16·83	16·69	Palampur	
0·[illegible]8	1·35	0·[illegible]5	...	...	...	...	...	...	..	10	3·2	4·77	1·82	1·35	12·01	8·90	Hamirpur	
0·30	1·[illegible]6	0·21	...	...	...	...	...	..	...	6	2·8	6·21	2·00	1·95	13·58	9·13	Dera	
0·35	1·50	0·40	..	...	...	...	...	...	...	8	4·2	6·98	2·58	2·15	12·63	10·82	Kangra	
0·30	**2·22**	**1·01**	...	...	...	...	...	...	...	**10**	**5·4**	**9·17**	**3·78**	**2·22**	**16·23**	**16·40**	**Dharmsala**	
0·05	1·83	...	...	...	.	...	...	...	0·05	6	3·8	4·33	2·58	1·83	11·56	11·78	Nurpur	
0·30	1·53	...	...	...	..	...	...	...	...	6	2·2	4·24	1·66	1·53	12·51	6·60	Dasuya	Hoshiarpur.
0·26	1·52	0·05	...	...	...	...	...	...	...	5	2·1	3·85	1·22	1·52	13·84	6·45	Una	
0·22	0·85	...	...	...	...	...	...	...	...	6	1·8	2·03	1·06	0·85	10·26	5·67	Garhshankar	
0·07	**1·66**	...	...	..	...	...	...	...	...	**5**	**2·5**	**4·46**	**1·50**	**1·66**	**11·87**	**6·93**	**Hoshiarpur**	
0·13		..	...	...	...	...	...	...	...	6	?	2·76	?	0·84	2·76	?	Tanda	
0·55	**1·61**	...	...	...	...	..	...	...	**0·07**	**6**	**2·1**	**4·91**	**1·15**	**1·61**	**11·34**	**5·08**	**Jullundur**	Jullundur.
0·49	1·10	...	...	...	...	...	...	...	...	6	1·6	3·09	0·84	1·10	9·04	3·85	Nakodar	
0·58	0·74	...		...	...	...	...	...	...	6	1·7	3·11	0·82	1·00	9·8[illegible]	4·29	Phillaur	
0·26	0·91	0·03	...	...	...		...	..	...	6	1·8	2·31	1·00	0·91	10·36	5·15	Nawashahr	
0·17	0·91		..		...	...	...	...	0·02	4	1·4	1·88	0·84	0·91	10·10	4·23	Samrala	Ludhiana.
0·77	**1·10**		...		...	...	...	...	**0·03**	**5**	**1·9**	**2·97**	**1·03**	**1·10**	**10·91**	**4·69**	**Ludhiana**	
0·85	1·18	...	...	...	...	...	...	...	...	6	1·2	2·64	0·55	1·18	8·03	3·24	Jagraon	
0·13	0·84	...	...	...	...	...	...	...	0·15	7	1·2	2·10	0·59	0·84	7·80	3·00	Moga	Ferozepore.
...	0·67	...	...	...	...	...	...	...	...	5	1·2	2·37	0·63	1·07	11·24	3·10	Zira	
.	**1·71**	...	...		...	...	...	...	**0·05**	**5**	**1·6**	**4·07**	**0·77**	**1·71**	**7·65**	**3·12**	**Ferozepore Sadr**	
...	1·80	...	...	...	...	...	...	...	...	6	1·5	4·35	0·79	1·80	7·98	3·75	Ferozepore City	
...	0·12	...	...	...	...	...	...	...		3	0·9	0·[illegible]2	0·43	0·20	4·22	1·97	Muktsar	
...	...	0·80	..		...	...	...	...	...	2	1·3	1·15	0·54	0·80	1·93	2·19	Fazilka	
...	0·82	...	...	...	...	...	...	...	...	2	0·9	1·04	0·59	0·82	5·29	2·37	Nathana	
	...	...	...	...	...	...	...	...	...	2	1·1	0·44	0·77	0·2[illegible]	2·70	2·63	Jalalabad	
...	0·69	...		...	...	...	...	...	...	2	?	0·97	0·37	0·69	3·37	3·04	Abohar	
...	0·40	...	...	...	...		...	.	...	1	0·8	0·45	0·44	0·40	2·93	1·64	Gobindgarh *C*	
	0·30	...		...	...	...	...	...	...	3	0·9	1·00	0·49	0·50	7·51	2·55	Phidda *C*	

rain-gauge station.
averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th	19th.	20th.	21st.
Lahore.	Van C	...	...	0·20	...	0·10	...	...	...	...	...	...	...	...	...	...	0·20	0·30	...	...	0·20	–
	Chunian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	0·30	–
	Kasur	...	...	0·13	...	0·15	...	...	...	...	...	...	...	...	...	...	0·11	0·14	...	...	0·23	–
	Pambe C	...	...	0·05	...	0·10	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	0·10	–
	Niazbeg C	...	...	...	...	...	...	...	...	0·13	...	...	...	...	...	...	0·18	0·08	...	0·03	0·58	–
	Lahore	...	...	...	...	...	...	...	...	**0·11**	...	...	...	...	...	...	**0·26**	**0·15**	...	**0·05**	**0·20**	–
	Lahore Cant. C	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...	...	0·50	...	...	...	0·42	–
	Manihala C	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·60	[illegible]
	Dafthu C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	–
	Nijabat C	...	...	0·35	...	...	...	...	...	0·01	...	...	...	...	...	...	0·12	...	...	...	0·15	–
Amritsar.	Buchar C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·10	...	...	...	–
	Khara C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·49	0·60	...	...	0·30	–
	Tarn Taran	...	...	0·12	...	...	...	...	...	0·10	...	...	...	...	...	...	0·21	1·75	...	...	0·42	–
	Raya C	...	...	...	...	...	...	...	...	0·20	0·20	...	...	...	...	...	0·25	1·40	...	0·05	0·50	–
	Amritsar Jail Hospital	...	...	0·10	...	...	...	...	0·01	0·09	...	...	...	...	...	...	0·30	·40	...	0·08	0·47	–
	Amritsar C	...	...	**0·10**	...	...	...	...	...	**0·08**	...	...	...	...	...	**0·28**	...	**0·48**	...	**0·09**	**0·52**	–
	Buggeh C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·80	...	0·68	...	–
	Ajnala	...	...	0·03	...	...	...	...	0·04	0·22	...	...	...	...	...	...	0·33	0·3	...	0·05	0·45	–
Gurdaspur.	Aliwal C	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	0·30	0·45	...	...	0·53	...	[illegible]
	Batala	...	...	...	...	...	...	...	0·08	0·07	...	...	...	...	...	...	0·21	0·57	...	...	0·58	–
	Tibri C	...	0·05	...	...	...	...	...	0·10	0·06	...	...	...	...	...	0·42	0·72	...	...	0·80	...	[illegible]
	Gurdaspur	...	...	...	...	...	...	...	**0·01**	**0·04**	**0·01**	...	...	...	...	...	**0·45**	**0·55**	...	**0·04**	**0·59**	–
	Pathankot	...	...	...	...	...	...	...	0·02	0·17	0·09	...	...	...	...	...	0·71	0·59	...	...	0·49	–
	Dalhousie	...	...	...	0·11	...	...	0·24	0·75	0·47	0·11	...	...	...	...	...	1·31	2·04	...	...	1·86	–
	Madhopur C	...	...	...	...	...	0·10	0·14	0·12	0·0[illegible]	...	...	...	...	...	0.75	1·05	...	...	0·73	...	[illegible]
	Shakargarh	...	...	...	...	...	...	0·20	...	0·13	...	...	...	...	...	...	0·53	0·86	...	...	0·39	–
Sialkot.	Zafarwal	...	...	...	...	...	...	...	0·29	0·04	0·09	...	...	...	...	...	...	0·49	0·80	...	0·03	[illegible]
	Pasrur	...	...	...	...	0·05	...	...	0·30	0·06	0·17	...	...	...	...	...	...	0·44	2 30	...	...	[illegible]
	Raya	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...	...	0·44	0·51	...	0·04	[illegible]
	Daska	...	...	...	...	...	...	...	...	0·24	...	...	...	...	...	...	...	0·60	0·55	...	...	[illegible]
	Sialkot	...	...	...	...	...	...	...	**0·16**	**0·19**	**0·21**	...	...	...	...	...	...	**0·47**	**1·55**	...	...	[illegible]
Gujranwala.	Ramnagar	...	...	...	...	...	...	0·30	0 12	0·08	...	...	...	...	...	...	0·53	0·30	...	...	0·78	–
	Wazirabad	...	...	...	...	...	...	0·22	0·17	0·10	...	...	...	...	...	...	0·60	0·61	...	...	0·25	–
	Gujranwala Sadr Kacheri.	...	...	...	...	...	...	**0·20**	**0·19**	**0·12**	...	...	...	...	...	...	**0·50**	**0·41**	...	...	**0·13**	–
	Sheikhupura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·45	0·45	...	...	0·15	–
	Hafizabad	...	...	...	...	...	...	0·25	0·06	0·09	...	...	...	...	...	...	0·33	0·08	...	...	0·29	–
	Khangah Dogran	...	...	...	0·04	...	...	0·27	0·07	0·08	...	...	...	...	...	...	0·39	0·45	...	...	0·40	–
	Sharakpur	...	...	0·03	...	...	...	...	0·03	0 12	...	...	...	...	...	...	0·15	0·08	...	...	0·16	–
	Shahjamal C	...	...	...	...	...	0·30	·10	0 10	...	...	...	...	...	...	0·40	0·04	...	...	0·61	...	–
	Pacca Dalla C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	0·80	...	–
	Feroz C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	–
Gujrat.	Sadr (Gujrat)	...	...	...	...	...	...	0·32	0·06	0·11	...	...	...	...	...	...	0·69	0·40	...	...	0·37	–
	Kharian	...	...	...	...	0·09	0·11	0·10	0·29	0·13	...	...	...	...	...	...	0·70	0·17	...	...	0·42	–
	Phalia	...	...	...	...	...	...	0·52	0·18	0·15	...	...	...	...	...	...	0·52	0·21	...	...	0·44	–
Shahpur.	Midh	...	...	...	...	...	...	0·60	...	...	...	...	...	...	...	0·35	...	...	...	...	...	–
	Sahiwal	...	...	0·90	...	...	...	0·84	0·18	...	...	...	...	...	...	...	0·83	...	...	...	...	–
	Nurpur	...	...	...	...	...	0·95	0·20	...	...	...	...	...	...	...	0·30	...	...	...	0·04	...	–
	Sakesar	...	...	...	...	...	...	1·41	1·11	...	...	...	...	...	...	...	3·75	...	...	0·07	1·50	–
	Naushehra	...	...	...	...	...	...	0·31	0·16	...	...	...	...	...	...	...	2·5[illegible]	...	...	...	0·15	–
	Khushab	...	...	0·18	...	...	...	0·38	0·15	...	...	...	...	...	...	...	0·74	...	...	...	0·01	–
	Shahpur	...	...	**0·18**	...	...	...	**0·56**	**0·09**	**0·04**	...	...	...	...	...	...	**0·81**	...	...	...	0·23	–
	Bhera	...	...	...	...	...	...	0·45	0·43	0·04	...	...	...	...	...	...	0·87	...	...	...	1·26	–
	Sargodha	...	...	0·14	...	...	...	0·80	0·26	0·09	...	...	...	...	...	...	0·76	...	...	...	0·16	–
	Bhalwal	...	...	...	0·27	...	...	0·88	0·19	0·10	...	...	...	...	...	...	0·68	...	...	...	1·00	–

C—Denotes canal

?—Indicates that no

Punjab for the month of March 1918—continued.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st March 1918.	Average rainfall from 1st October up to 31st March.	Station.	District.
0·70	0·30	...	..	...	...	...	...	...	..	7	1·4	2·00	0·57	0·70	2·55	2·98	Van *C*	Lahore.
0·72	0·22		...	..	...	...	...	...	...	4	1·0	1·36	0·48	0·72	1·62	2·22	Chunian	
...	1·08	...	..		...	...	..	...	...	6	1·3	1·84	0·74	1·08	4·45	2·91	Kasur	
0·90	0·[illegible]0	...		..	..	...	...	...	...	4	1·6	2·00	0·70	0·90	2·80	3·12	Pambe *C*	
0·59	0·90		...	...	...	...	...	...	0·04	5	1·[illegible]	2·53	0·74	0·90	3·58	3·62	Niazbeg *C*	
0·40	**0·90**	...	...	...	...		...	...	**0·05**	**6**	**1·8**	**2·12**	**1·80**	**0·90**	**3·54**	**3·51**	**Lahore**	
0·42	0·80	...	...	...	...			..	...	5	2·0	2·26	0·89	0·80	4·66	4·23	Lahore Cant. *C*	
0·29	1·10	...	...	...	...	...	...	..		6	1·7	2·40	0·96	1·10	6·95	3·66	Manihala *C*	
...	1·10	...	...	...	..	...	...	...	...	2	1·6	1·30	0·73	1·10	2·68	3·05	Dafthu *C*	
0·25	1·93	...		...	...		...	...		5	1·2	2·81	0·63	[illegible]·93	4·31	2·48	Nijabat *C*	
...	0·50	...	0·05	0·70			...	...	...	4	1·9	1·45	1·21	0·70	4·45	4·56	Buchar *C*	Amritsar.
...	1·34	...	...	...	...	...	.	...	...	4	1·2	2·73	0·86	1·34	11·53	3·16	Khara *C*	
[illegible]·47	1·72	...	...	...	...	...	...	..	..	7	1·8	4·79	0·95	1·75	14·59	4·18	Tarn Taran	
0·18	1·34	0·03	..	...	...	...	...	...	...	7	1·7	4·15	1·04	1·40	12·05	4·63	Raya *C*	
0·20	1·06	...	...	...		..	...	...	0·07	6	2·3	2·78	1·20	1·06	6·70	4·83	Amritsar Jail Hospital	
0·14	**1·17**	...	..	...	...	...		..	**0·04**	**6**	**2·4**	**2·90**	**1·02**	**1·17**	**8·35**	**4·48**	**Amritsar** *C*	
0·30	0·90	...	...	...		...	...	..	..	5	1·7	2·70	1·15	0·90	6·20	4·95	Buggeh *C*	
0·54	1·06		...	...	...	...	...	...	0·05	6	1·7	3·09	0·92	1·06	6·83	4·18	Ajnala	
1·38	0·30	...	...	...		...	...	...	0·50	8	2·4	3·98	1·22	1·38	9·40	5·30	Aliwal *C*	Gurdaspur.
0·21	1·2[illegible]	...	...	...	...	...	...		...	5	2·2	2·96	1·39	1·26	11·02	5·75	Batala	
1·50	...	...	..	...	...	...	...		1·00	7	2·5	4·85	1·55	1·50	11·35	6·93	Tibri *C*	
0·18	**1·50**	**0·07**	...	...	...	...	...	...	**0·03**	**5**	**2·6**	**3·47**	**1·64**	**1·50**	**10·64**	**6·90**	**Gurdaspur**	
0·45	1·64	0·01	..	...	...	...	...	..	0·02	6	2·8	4·19	2·01	1·64	12·29	9·05	Pathankot	
1·41	3·84	1·10	...	...	...	...			0·16	12	5·8	13·40	5·16	3·84	26·02	20·62	Dalhousie	
1·67	...	...	...	...	...	...	..	..	0·40	9	3·9	5·45	2·21	1·67	14·13	10·95	Madhopur *C*	
0·45	1·16	..	...	...	..	...	..	...	0·07	7	2·5	3·79	1·68	1·16	12·49	7·17	Shakargarh	
..	0·32	1·15	0·05	..	...	...	...		0·05	6	2·5	4·06	1·38	1·15	8·72	6·25	Zafarwal	Sialkot.
...	0·58	0·98	0·02	...	...	...	...	...	..	7	2·4	5·45	1·35	2·30	10·80	5·66	Pasrur	
...	0·77	0·85	.	...	...	...	...	...	...	6	2·2	2·91	1·25	0·85	5·66	4.78	Raya	
...	1·15	0·85	...	...	...		...	...	...	6	2·3	3·66	1·20	1·15	6·57	5·07	Daska	
0·05	**1·21**	**1·29**	**0·06**		...	...		**0·04**	**0·08**	**8**	**3·1**	**5·67**	**1·51**	**1·55**	**9·89**	**6·52**	**Sialkot**	
0·28	0·53		...	..		..	...	...	...	7	2·1	2·92	1·24	0·78	4·23	4·18	Ramnagar	Gujranwala.
0·80	0·41	0·61	..		...	...		...	...	9	2·[illegible]	3·77	1·09	0·80	5·11	4·61	Wazirabad	
0·87	**0·62**	**0·04**	...	...	.	...		..	...	**8**	**2·5**	**3·08**	**1·22**	**0·87**	**4·26**	**4·98**	**Gujranwala Sadr Kacheri.**	
0·35	0·45	...			.	...	...		...	5	1·4	1·85	0·79	0·45	2·10	2·99	Sheikhupura	
0·09	0·60	0·19	...	...	.	...	...	..		5	2·0	1·98	0·89	0·60	2·46	3·84	Hafizabad	
0·13	0·54	0·04	..	...	...	..	...	...	...	6	2·1	2·[illegible]6	0·98	0·54	3·08	3·87	Khangah Dogran	
0·64	0·59	...	...	...	...		...	...		5	1·4	1·86	0·64	0·64	2·40	2·67	Sharakpur	
0·50		...	...	...	...	...		...	...	6	?	2·05	1·03	0·61	2·66	3·25	Shahjamal *C*	
0·32	...		...	...		...	...	...	0·45	4	1·1	2·07	0·80	0·80	[illegible]·07	2·72	Pacca Dalla *C*	
0·55	0·70	...	...	...		..	...	...	...	3	1·3	1·50	0·87	0·70	1·50	[illegible]·57	Feroz C	
0·53	**0·70**	**0·[illegible]3**	...	..	...	..	...	...	...	**8**	**2·8**	**3·71**	**1·71**	**0·70**	**6·03**	**6·14**	**Sadr (Gujrat)**	Gujrat.
1·34	1·47	0·0[illegible]	...	..	...	...	...	0·10	...	10	3·0	4·98	1·63	1·47	8·97	6·57	Kharian	
..	0·65	...	...	...	.		...	...	...	7	2·3	2·67	1·19	0·65	3·65	4·66	Phalia	
...	0·68	...	...	...	...		...	...	...	3	1·5	1·63	0·78	0·68	2·13	3·32	Midh	Shahpur.
0·69	0·17		...	...	...		...	...	...	6	2·2	3·61	0·83	0·90	3·71	2·80	Sahiwal	
0·91	0·11	...		...	...	...	...	0·15	...	6	1·9	2·66	0·99	0·95	2·99	2·69	Nurpur	
..	...	...	..	..		...	...	...	...	4	1·4	7·84	1·28	3·75	9·74	3·54	Sakesar	
1·05	1·00	1·35	...		...	...	...	...	...	7	3·4	6·52	1·72	2·50	8·48	5·39	Naushehra	
0·46	0·18	0·18	...	..	...	..	...	...	0·06	7	2·0	2·34	0·[illegible]4	0·74	2·99	2·92	Khushab	
0·35	**0·18**	**0·43**	...	..	...	...	...	**0·11**	...	**8**	**2·3**	**3·48**	**0·99**	**0·85**	**4·16**	**3·45**	**Shahpur**	
	0·56	0·25	...	...		..	...	...	...	6	2·0	3·86	1·09	1·26	4·26	3·71	Bhera	
0·85	0·23		...	..	...	..	0·02	0·01	0·01	7	1·5	3·33	1·13	0·85	4·25	3·44	Sargodha	
...	0·40	0·10	...	...	...	...	...	...	...	8	?	3·62	?	1·00	4·80	?	Bhalwal	

rain-gauge station.

averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jhelum.	Pind Dadan Khan	...	...	...	...	...	...	0·28	0·06	...		...	...	...	...	..	0·90	...	...	...	0·70	..
	Sadr Station (Jhelum)	...	...		...	...	...	0·21	0·07	0·10	.	...	...	...	...		0·79	0·33	...	...	0·21	...
	Chakwal	...	...	0·11	...	...	...	0·14	0·11	..	...	...	...	...	...	...	1·63	0·12	...	0·09	0·06	..
Rawalpindi.	Rawalpindi	...	...		0·81	...	...	0·05	0·18	...	...	..	...	..	...	...	1·71	1·73	...	0·13	0·29	..
	Gujar Khan	...	...	...	0·44	0·02		0·13	0·14	0·04	...	..	...		...	...	1·24	0·05	...	0·08	0·29	
	Kahuta	...	..	...	1·40	0·16	...	0·07	0·36	0·02	..	..	...	...	...	...	2·00	0·57	...	0·18	0·34	0·03
	Murree	...		...	1·56	0·19	...	0·09	1·03	0·19	...	...	...	...	...	...	2·81	1·49	...	0·58	0·66	0·44
Attock.	Talagang	...	...	0·18	...	...		0·16	0·11	...		...		...	...	..	0·64	0·25	...	0·14	0·27	...
	Pindigheb	...	...		0·22	...	...	0·20	...	...	...	..	...	...	...		1·85	0·44		0·28	0·23	..
	Fatehjang	..		0·34	1·05	...	...	0·12	..		...	...	...	...	...	...	2·07	1·14		0·26	0·13	...
	Attock	...	..	..	0·21	...	.	0·10	...	...	...	...	..	...	...	...	1·62	0·92	...	0·18	0·05	...
Mianwali.	Mianwali		...	...	...	...	...	0·20	0·09	...	...	...		...	...	...	0·34			0·37	0·07	...
	Isa Khel	...	...	...	...	...	...	0·19		...	..	..	...	...	...	...	0·18	...	..	...	0·47	...
	Bhakkar	...	...	...	...	...	..	0·54	0·32	...	...		...	...	..	...	0·12	...	...	...	0·08	...
Montgomery.	Gugera		...	0·11	...	0·18	...	...	...	0·20	...	..	...	...	...	...	0·37	...	...	..	...	..
	Montgomery	...	...	0·09	...	0·01		...	..	0·15	...	...	...	...	...	...	0·47	...	..	...	0·07	..
	Pakpattan	..		0·31	..	0·02		...	...	...		.	..	...	...	...	0·14	...	...	0·04	..	..
	Dipalpur	...	...	...	..	0·03	...	...	...	0·03	...	...	...	...	...	...	0·11	0·13	..	0·05	0·15	..
Lyallpur.	Toba Tek Singh	...	...	...	..	...	...	...	0·05	0·15	...	...	...	...	...		0·13	...	...	..	0·14	...
	Samundri		...	...	...	0·06	...	0·04	0·03	0·21	...		...	..	...	...	0·10	..	...	...	0·04	...
	Lyallpur	...	...	...	...	...	...	0·06	0·04	0·17	...	...	...	...	...	..	0·17	...	..	...	0·40	..
	Jaranwala	...	...	...	..	0·09	...		...	0·16		...	...	...	...	...	0·34	0·38	...	...	0·06	..
	Lyallpur *C*		...	...	...	...	..	...	...	0·20	...	...	...	...	...	...	...	...	...	...	0·40	..
	Tarkhani *C*	..	...		...	0·08	...	0·0[illegible]	...	0·15	.	..	...	...	...	...	0·17	...	...	...		..
	Muridwala *C*	...	...	...	...	...	0·17	...	...	0·24	.	...		...	...	...	...	0·15	...	...	0·39	..
	Wariam *C*	...	...	..	...	..	...	...		...	...	..	...	...	...	...	0·27	...	...	...	0·08	..
	Badwali *C*	...	...	...	...	...	...	0·15	0·10	...	...	...	...	...	...	0·34	0·13	...	...	0·55		0·08
Jhang.	Shorkot	...	...	...	...	...	...	0·06	0·02	0·17		...	..	...	...	...	0·52	...	...	...	0·18	...
	Jhang	...	...	...	0·15	0·45	*R.*	0·17	...	0.20	..	...	...	...	...	...	0·30	..	...	...	0·03	...
	Chiniot	...	...	...	0·11	...	...	0·21	0·17	0·17	...		...	...	.	..	0·23	0·04	...	...	0·41	...
	Laklani *C*	...	...	...	...	...	...	0·30	0·16	...		...	...	...	...	...	...		..	...	..	...
	Sandyanwala *C*	...		0·18	..	...		...	...	0·22	...	..	...	..	...	...	0·09	...	..		...	...
Multan.	Mailsi	...	...	...	...	...	...			0·21	...	..	...	..		...	0·02	...	...	...	0·05	...
	Lodhran	...	...	0·16	...	...		...	...	0·02		...	..	...	..	...	0·03	...	...	...	0·15	...
	Shujabad	...			...	...	...	...		0·14	...	...	..	...	...		0·21	...	...	..	...	...
	Multan	...		0·09	...	...	...		0·05	0·23	...	...	...	...		...	0·22	...	...		0·02	...
	Kabirwala	...	...	...	..	...	...	...	...	0·17	...	...	...	...	..	...	0·37	...	...		...	
Muzaffargarh.	Alipur	...	...	0·19	...		...	...	0·04	0·3[illegible]		..	...	...	...	...	0·20	...	...	..	0·25	...
	Muzaffargarh	..	...	...	...	...	...		0·11	0·17	...	...	...	...	...	...	0·16	...	...	...	0·04	...
	Sinanwan	...	...		...	...	...	0·05	0·08	0·23	...	...	...	...	...	...	0·13	..	...	..	0·06	...
	Leiah	...	...	...	...	...	...	0·25	0·27	0·07	...	...	...	...	...	...	0·07		...	...	0·15	0·04
Dera Ghazi Khan.	Taunsa (Sanghar Tahsil).	...	...	...	...	...	...	0·67	0·28	0·11	...	...	...	...	...	...	0·04	..	...	...	0·27	...
	Dera Ghazi Khan	...	...	...	...	..	..	0·02	0·12	0·29	...	...	...	...	...	...	0·05	...	..	...	0·12	...
	Fort Munro	..	...	...	...	...			...		...	...	...		...	...	...	...	...			...
	Jampur	...	...		...		...	...	0·06	0·25	...	...	...		...	...	0·16	...	...	..	0·05	...
	Rajanpur	...	...	0·07	...	...	...	..	0·07	*R*	...	...	..	...	...	.	0·06	..	...	...	0·04	...

C—Denotes ra[...]
R—Denotes slight [...]
?—Indicates that n[...]

Punjab for the month of March 1918—concluded

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st March 1918.	Average rainfall from 1st October up to 31st March.	Station.	District.
0·10	0·58	0·72	.	...	...	...	...	...	...	6	2·4	3·64	1·08	0·90	5·38	4·45	Pind Dadan Khan	Jhelum.
0·59	1·49	...	...	...	..	...	..	0·05	...	7	3·0	3·84	1·54	0·49	8·19	6·30	**Sadr Station (Jhelum)**	
0·67	1·09	...		...	...	...		...	0·08	7	3·0	4·10	1·31	1·63	6·49	4·91	Chakwal	
0·50	1·56	0·78	...	...		...	...	...	0·15	10	4·5	7·89	2·22	1·73	12·51	9·07	**Rawalpindi**	Rawalpindi.
0·48	2·21	0·23	...	..	...		...	...	0·10	9	4·0	5·45	1·92	2·21	9·40	8·12	Gujar Khan	
0·74	2·42	0·20	...	...	...	...	...	...	0·14	11	3·8	8·62	2·22	2·42	13·12	10·26	Kahuta	
0·17	2·48	0·35	...	...		...	...	...		12	5·6	12·84	4·01	2·81	15·82	14·49	Murree	
0·68	1·48	0·12	...		..	...	...	...	...	10	2·8	4·03	1·43	1·48	6·53	4·84	Talagang	Attock.
1·05	0·65	...	...	..	...		.	...	...	8	3·2	4·94	1·63	1·85	7·40	5·26	Pindigheb	
0·14	2·05	0·21	...		...	...	.	..	0·10	11	3·8	7·61	2·09	2·07	10·42	7·52	Fatehjang	
0·32	1·87	0·19	...	..	..		0·04	0·45	0·14	10	3·8	6·04	2·27	1·87	9·20	7·67	**Attock**	
0·33	0·43	...		...	...	...	.	0·07	...	5	2·1	1·90	1·01	0·43	2·53	3·34	**Mianwali**	Mianwali.
0·28	0·03	..	...	...	...	..	0·02	...	0·11	5	2·3	1·28	0·91	0·47	1·58	3·26	Isa Khel	
0·44	...	...	...	...		...	...	0·11	0·19	6	1·6	1·80	0·02	0·54	2·21	1·74	Bhakkar	
...	0·23	0·24	...	...		...		..	...	6	1·2	1·33	0·46	0·37	1·43	1·93	Gugera	Montgomery.
0·20	0·06	0·07	...	...		...	...	...	0·13	4	1·4	1·25	0·50	0·47	1·59	1·93	**Montgomery**	
0·16	0·20	...	...	...	.	..	...	..	...	4	1·0	0·87	0·34	0·31	1·25	1·48	Pakpattan	
0·83	0·32	..	...	..	..	...	...	...	0·11	6	1·1	1·76	0·39	0·83	2·37	1·90	Dipalpur	
0·63	0·05	...	...	...	...	...	...	...	...	4	1·6	1·15	0·63	0·63	1·15	1·93	Toba Tek Singh	Lyallpur.
...	0·20	0·06	...	...	...	...	..	...	4·04	3	2·0	0·78	1·03	0·21	0·97	2·35	Samundri	
0·05	0·16		...	...	...	...	...		...	4	2·1	1·05	0·81	0·40	1·08	2·46	**Lyallpur**	
0·12	0·36	0·17	...	...	...	...	...	...	0·26	7	?	1·94	?	0·38	2·20	?	Jaranwala	
...	0·25		...	...	..	...		...	...	3	1·3	0·83	0·61	0·40	0·83	1·94	Lyallpur *C*	
...	0·15	...	...	..	...	...	...	...	...	3	1·2	0·62	0·50	0·17	0·65	1·56	Tarkhani *C*	
...	0·10	...	..	...	...	...	...	...	0·03	5	0·8	1·08	0·39	0·39	1·08	1·27	Muridwala *C*	
0·21	0·21	...	...	...	..	...	...	...	...	3	?	0·77	0·27	0·27	0·77	1·33	Wariam *C*	
0·27	...	..		...	...	...		...		6	1·5	1·60	0·58	0·55	1·60	2·53	Badwali *C*	
0·41	...	.	...			...	..	...	0·51	5	1·2	1·67	0·46	0·52	1·76	1·58	Shorkot	Jhang.
0·18	0·04	...	..		...	...		0·02	..	6	1·8	1·54	0·76	0·45	1·82	2·12	**Jhang**	
...	0·17	0·04	..	...	...	...	...	...	...	6	1·8	1·48	0·73	0·41	2·02	2·54	Chiniot	
...	...	...	0·27	...		..	0·10	...	...	4	1·6	0·83	0·54	0·30	0·83	1·84	Laklani *C*	
..	0·12	...	...		...	...	..	...	0·02	3	1·4	0·63	0·48	0·22	0·63	1·40	Sandyanwala *C*	
0·14	0·05	..	...	..	...	.	...	..	0·17	3	0·6	0·64	0·22	0·21	0·68	1·07	Mailsi	Multan.
0·27	...	...	...	...	...	...			0·23	4	0·5	0·86	0·20	0·27	0·93	1·08	Lodhran	
0·22	...		...	...		...	..	0·12	0·38	5	0·9	1·07	0·27	0·38	1·07	1·11	Shujabad	
0·23	...	...	...	..	...	0·02	...	.	0·48	4	1·2	1·34	0·47	0·48	1·37	1·52	**Multan**	
0·31	.	...	...	...	...	...	...	0·11	0·12	5	0·9	1·03	0·35	0·37	1·08	1·25	Kabirwala	
0·48	0·02	.	.	...	...	...	...	...	0·30	6	0·5	1·83	0·21	0·48	1·83	1·05	Alipur	Muzaffargarh.
0·26		...	..	...		...	...	...	0·48	5	1·1	1·22	0·37	0·48	1·32	1·40	**Muzaffargarh**	
0·22	.	..	...	..		...	...	..	0·20	4	1·2	0·97	0·53	0·23	1·31	1·53	Sinanwan	
0·08	...	...	...	...	...	...		0·07	...	3	1·3	1·00	0·59	0·27	1·15	1·76	Leiah	
...	...	...	...	...	...	...	..	0·37	...	4	1·3	1·44	0·57	0·67	1·55	1·74	Taunsa (Sanghar Tahsil)	Dera Ghazi Khan.
0·28		...	...	..	...	...	...	...	0·15	5	1·3	1·03	0·52	0·29	1·14	1·71	**Dera Ghazi Khan**	
...	...	...	...	...	...	...		..	...	Nil	1·5	Nil	0·71	Nil	0·37	2·18	Fort Munro	
0·33	...	...	.	..	...	...			0·67	4	0·8	1·52	0·38	0·67	1·60	1·17	Jampur	
0·31	...	...	...	..	...	*R*	...	*R*	0·66	2	0·7	1·21	0·32	0·66	1·21	1·09	Rajanpur	

rain-gauge station.
rainfall.
averages have been fixed.

MAHBUB SHAH, SUPERINTENDENT,
Office of Director of Land Records, Punjab.

Notes on the condition and prospects of Crops, etc., in each District of the Punjab for the month of March 1918.

1.—HISSAR DISTRICT.

SLIGHT rain fell throughout the district. It and the wind slightly damaged the rabi crops. Standing rabi crops are average. Outturn of sarshaf is below average and that of gram average. Cattle in good condition. Fodder sufficient. Public health generally good. Water in perennial canals sufficient. Prices stationary.

2.—ROHTAK DISTRICT.

The rainfall has somewhat delayed harvesting. Sowings of irrigated sugarcane continued and are timely. Area sown is restricted. Germination is good. Condition and expected yield of wheat, gram, barley and sarshaf is generally good but of unirrigated crops average. Cattle are generally in good condition. Fodder is getting scarce in parts. Supply of water for drinking and irrigation sufficient. Prices are between normal and warning rates. Movements of grain are very slack.

3.—GURGAON DISTRICT.

Rain very little which did not benefit standing crops. Cane was sown on nahri and dahri area and extra spring crops on irrigated land. Cane-sowing is more than expectations in dahri area. Standing rabi crops are in good condition. Barley, rapeseed and gram are being reaped. Outturn is expected to be below average. Cattle are in good condition and fodder is available. Canal is running and supply of water sufficient. No floods and hill torrents came down during the month.

4.—KARNAL DISTRICT.

Rainfall was slight but was beneficial to wheat crop. Sowing of sugarcane and extra rabi crops started. Condition of irrigated crops good, but unirrigated crops have somewhat suffered from drought. In Tahsil Pánípat hailstorm damaged the irrigated crops in a few villages. The expected yield of irrigated crops is slightly above normal and of unirrigated crops about half the normal. The condition of cattle is generally good. Fodder and water are sufficient. The state of public health is generally good. Canals worked satisfactorily. No inundations. Prices rising.

5.—AMBALA DISTRICT.

Rain benefited the standing crops. Sowing of sugarcane and extra rabi crops in progress. Condition of standing crops on irrigated lands average and on unirrigated below average. Hail did some damage to gram in some parts. Harvesting of gram is in progress. Yield is expected to be below average. Cattle generally are in good condition. Fodder insufficient. Public health generally good. Western Jumna Canal flowed continuously and water adequate for irrigation purposes. Prices are slightly falling.

6.—SIMLA DISTRICT.

Rainfall in both tahsils more than sufficient. A small area in Kot Khai Tahsil was sown with rice. Condition of crops average. Condition of cattle good. Fodder and grazing sufficient. Public health good. Water in hill-streams sufficient.

7.—KANGRA DISTRICT.

Rainfall was above the average and proved beneficial to standing crops. Cotton, sugarcane and extra spring crops were sown. Condition of crops improved by recent rains. Snowfall in Kulu Sub-Division has damaged them to some extent. Cattle generally in fair condition. Rains will grow grass. Public health generally good. Water in kuhls and streams was sufficient for irrigation purposes. Prices of food-grains are still high.

8.—HOSHIARPUR DISTRICT.

Rain sufficient and useful for standing crops. Sugarcane, cotton, etc., were sown during the month. Condition and expected yield of standing crops are three-fourths of the normal on irrigated areas and half the normal on unirrigated lands. The condition of cattle is good but fodder is still insufficient. Shah-Nahr Canal closed. Prices stationary.

9.—JULLUNDUR DISTRICT.

The rainfall was much above the average. The sowings of zaid rabi continue and are normal. Rain benefited the crops in general, and zaid rabi sowings in particular. The condition of irrigated crops is good and that of unirrigated and sailab areas average. On sandy soil it is poor. The expected yield of irrigated is good and that of unirrigated below average. Cattle in good condition. Fodder scarce.

10.—LUDHIANA DISTRICT.

Rainfall was sufficient but it was too late to benefit rabi crops. Extra rabi crop is being sown. The condition of crops has improved even though the rain came very late. Subsequent unsettled weather is doing much harm. The expected yield is about 5 to 90 per cent. of the normal. Cattle are in average condition. The recent rains will help to produce fodder. Rates of food stuffs are getting easier.

11.—FEROZEPORE DISTRICT.

The rainfall has been good all over the district, proving very beneficial for standing rabi crops, and for the sowing of kharif and extra rabi crops. Condition of crops on irrigated area good and those on unirrigated area average. Barley and sarshaf are being harvested. Condition of cattle good. Fodder is at present sufficient and green grass is available. The state of public health is good. Sirhind Canal worked satisfactorily.

12.—LAHORE DISTRICT.

More than average rain fell in all the tahsils of the district. The condition and expected yield of irrigated crops are average and of unirrigated crops less than average. The condition of cattle average. Fodder and water sufficient. Canal water-supply sufficient. No floods in rivers.

13.—AMRITSAR DISTRICT.

Sugarcane, cottons and vegetables were sown. The condition and expected yield of standing crops is average both on irrigated and unirrigated areas. Cattle generally in good condition. Public health generally good. Canals are working by rotation. Supply sufficient.

14.—GURDASPUR DISTRICT.

Rainfall during the month was above average and caused some damage to barley and massar on the threshing floor, but was very beneficial for the wheat crop. Cotton, sugarcane, etc., are being sown. The crops are in good condition Barley and massar crops are being harvested; the yield is expected to be about average. Cattle are healthy, but fodder is scarce. Government canals have started irrigation in the Gurdáspur and Patháнkot Tahsils. The rivers are flowing; no floods. Prices stationary.

15.—SIALKOT DISTRICT.

Sowing of kharif crops continued and was average. Condition of standing crops good. Yield of sugarcane, barley, massar and rape average. Condition of cattle good. Green fodder procurable. Public health good. Canal remained closed.

16.—GUJRANWALA DISTRICT.

Rain above normal and benefited the rabi crops to a large extent. Sowings of extra rabi crops, sugarcane and cotton are in progress. The condition of irrigated crops is normal and that of unirrigated crops average, except in Sharakpur Tahsil, where it is below average. The condition of cattle is fair. Bhusa and fodder are sufficient. State of public health generally good. Irrigation by canal is done by rotational turns. Supply sufficient.

17.—GUJRAT DISTRICT.

Good rain was received during the second half of the month. Sowings of sugarcane, cotton and extra rabi crops are in progress. Condition of crops much improved by rains.

Standing crops are in good condition, except in low-lying lands or along rivers, &c. The yield is expected to be average on the whole. Cattle are in good condition. Green fodder is procurable.

18.—SHAHPUR DISTRICT.

There has been a sufficient rainfall during the month, with a good effect on standing crops, except gram crop, which was somewhat damaged by hail in Shahpur Tahsil. Sowings of extra spring crops continued, and are expected to be normal. Condition of standing crop was average, that of gram above average on unirrigated area in Khusháb Tahsil. Yield of gram expected to be good in Khusháb Tahsil and that of other crops average. Condition of cattle generally good. Fodder sufficient. Condition of public health good. Lower Jhelum Canal continued to flow with no complaint of water-supply.

19.—JHELUM DISTRICT.

Cotton and melons have been sown in Pind Dádan Khan and Jhelum Tahsils. Standing crops generally in good condition. Cattle in fair condition. Fodder sufficient. Jhelum river was in heavy flood on one day. Prices rising.

20.—RAWALPINDI DISTRICT.

The total rainfall was above average, and has done great good, but a month of fine sunny weather is now needed. Irrigated crops are good and unirrigated average. Condition of cattle good and fodder available. Public health good.

21.—ATTOCK DISTRICT.

Rainfall has been much above average which has not abated up to this time. The crops in the low-lying lands have suffered from the excessive rain; the others are in good condition. Normal yield is expected. The condition of cattle is good on the whole. Public health is good. No canals. Water is sufficient. Prices are stationary.

22.—MIANWALI DISTRICT.

The rain during the month was sufficient and useful for rabi crops. The condition of standing crops is above average on irrigated areas and average on unirrigated areas. Cattle in fair condition. Fodder and grazing are procurable. Public health good. Kurram Canal is closed and Nammal Canal is watering lands in Miánwáli sufficiently.

23.—MONTGOMERY DISTRICT.

Extra rabi sowings have been in progress during the month. Condition of irrigated crops good and that of unirrigated crops average. Standing crops have been much benefited by rains. Expected yield of irrigated and unirrigated crops average. Cattle are generally healthy. Fodder procurable. Lower Bari Doab Canal has been flowing during the month. Rivers are also flowing, but no floods. Sutlej Canal dry. General condition average. Prices high.

24.—LYALLPUR DISTRICT.

Extra rabi sowings in progress and are normal. Sugarcane sowing commenced and finished about half. The condition of standing crops is generally good. Harvesting of massar commenced. The condition of cattle is generally good and fodder is sufficient. Public health is generally good. Canal worked satisfactorily by rotational closures.

25.—JHANG DISTRICT.

Effects of rain good on the standing crops. Extra rabi crops have been sown. Sowing of the cotton crop only half completed in Jhang. Condition of crops in Shorkot and Jhang good. The crops in some villages of Jhang were damaged by hail. Cattle generally in good condition. Fodder available. Canals flowing and there were floods in the rivers. The price of wheat has fallen.

26.—MULTAN DISTRICT.

The rainfall was general and much benefited the standing crops. Extra spring crops were sown during the month. The condition of standing irrigated crops is good while that

of unirrigated is average to good. Cutting of taramira commenced. Condition of cattle good. Fodder sufficient. Public health generally good. All inundation canals dry. Sidhnai is working satisfactorily by rotation. Prices of food-grains stationary.

27.—Muzaffargarh District.

Rainfall was beneficial for the rabi crops, but crops on low lands suffered to some extent. Hailstorms, reported from Alipore and Sanawán Tahsils, caused damage to the standing crops in several estates. Sugarcane and extra spring crops are being sown. Condition of standing crops is about average. Condition of cattle good. Fodder available. Public health good. Canals dry. Prices of food-grains still high.

28.—Dera Ghazi Khan District.

In the Dera and Sanghar Tahsils the amount of rainfall has been above the average, while in the other two tahsils it is much below it. Extra rabi sowings are in hand. Condition of standing crops is average in Sanghar and Dera and somewhat below average in the two southern tahsils. Hailstorm has done some slight damage in Rájanpur. The yield is expected to be average. The condition of cattle is fair but fodder is scarce. Public health is good. There were floods in the Sanghar and Chakar hill torrents. River has subsided after a small rise. Prices are high.

MAHBUB SHAH, Supdt.,

for Director of Land Records, Punjab.

Vital Statistics of the districts (excluding towns with population

Division.	No.	Districts, excluding towns.	Population under registration according to census of 1911. Males.	Females.	Total.	Births registered. Number registered (excluding still-births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Deaths. Cholera. Number registered.	Ratio per 1,000 per annum.	Small-pox. Number registered.	Ratio per 1,000 per annum.	Plague. Number registered.	Ratio per 1,000 per annum.	Fevers. Number registered.	Ratio per 1,000 per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
AMBALA.	1	Hissar	422,209	351,580	773,789	2,486	41·88	5	...	...	...	...	131	2·31	1,133	[illegible]
	2	Rohtak	385,401	329,433	714,834	2,345	42·77	21	...	...	25	0·46	147	2·68	781	[illegible]
	3	Gurgaon	376,330	328,057	704,387	2,162	40·01	12	...	...	2	0·04	167	3·09	1,793	[illegible]
	4	Karnál	412,911	339,516	752,427	2,673	46·33	33	...	...	5	0·09	15	0·26	898	[illegible]
	5	Ambála	343,881	264,179	608,060	2,059	44·14	54	...	...	...	...	228	4·89	696	[illegible]
	6	Simla	22,015	12,955	34,970	60	22·32	1	...	...	...	...	...	...	17	[illegible]
		Total of Division for month.	1,962,747	1,625,720	3,588,467	11,785	43·81	126	...	...	32	0·12	688	2·50	5,268	[illegible]
		Total of corresponding month of previous year.				12,565	45·65	116	...	...	15	0·05	90	0·33	3,579	[illegible]
JULLUNDUR.	7	Kángra	398,401	368,285	766,686	2,089	35·51	5	...	...	...	...	21	0·38	677	[illegible]
	8	Hoshiárpur ...	501,510	417,059	918,569	2,696	38·25	...	...	...	...	...	139	1·97	958	[illegible]
	9	Jullundur... ...	410,060	322,542	732,602	2,625	44·93	1	...	...	...	...	972	17·30	897	[illegible]
	10	Ludhiána... ...	268,766	205,274	474,040	1,752	48·17	...	...	...	1	0·03	1,745	47·98	426	[illegible]
	11	Ferozepore ...	506,938	401,883	908,821	3,052	43·77	10	...	...	8	0·11	24	0·33	1,153	[illegible]
		Total of Division for month.	2,085,675	1,715,043	3,800,718	12,114	41·21	16	...	...	9	0·03	2,901	9·95	4,111	[illegible]
		Total of corresponding month of previous year.				14,255	48·89	23	...	...	12	0·04	35	0·12	3,760	[illegible]
LAHORE.	12	Lahore	438,216	344,472	782,688	2,859	47·62	51	...	...	3	0·05	9,797	46·59	1,251	[illegible]
	13	Amritsar	407,705	320,267	727,972	2,665	47·73	16	...	...	3	0·05	206	3·69	1,004	[illegible]
	14	Gurdáspur ...	451,935	354,196	806,131	3,023	48·87	...	...	...	2	0·03	377	6·10	781	[illegible]
	15	Siálkot	504,104	410,580	914,684	3,423	48·78	46	...	...	1	0·01	2	0·03	1,061	[illegible]
	16	Gujránwála ...	502,651	392,131	894,782	3,073	44·78	56	...	...	...	...	650	9·47	2,485	[illegible]
		Total of Division for month.	2,304,611	1,821,646	4,126,257	15,043	47·52	168	...	...	9	0·03	4,032	12·74	6,582	[illegible]
		Total of corresponding month of previous year.				17,117	54·08	152	...	...	6	0·02	73	0·23	5,235	[illegible]
RAWALPINDI.	17	Gujrát	400,606	345,028	745,634	2,525	44·14	49	...	...	1	0·02	28	0·49	1,132	[illegible]
	18	Shahpur	376,886	310,480	687,366	1,751	33·21	35	...	...	...	...	5	0·09	1,451	[illegible]
	19	Jhelum	262,228	241,967	504,195	1,334	34·50	17	...	...	...	...	166	4·29	829	[illegible]
	20	Ráwalpindi ...	238,776	222,224	461,000	1,361	38·49	22	...	...	...	...	217	6·14	595	[illegible]
	21	Attock	270,392	244,894	515,286	1,605	40·60	16	...	...	...	...	13	0·33	1,000	[illegible]
	22	Miánwáli	179,897	161,480	341,377	1,096	41·86	27	...	...	...	...	...	...	1,010	[illegible]
		Total of Division for month.	1,728,775	1,526,083	3,254,858	9,672	38·74	166	...	...	2	0·01	429	1·72	6,017	[illegible]
		Total of corresponding month of previous year.				10,403	41·67	155	...	...	5	0·02	41	0·16	4,710	[illegible]
MULTAN.	23	Montgomery ...	276,119	227,996	504,115	1,604	41·48	27	...	...	1	0·03	178	4·60	1,544	[illegible]
	24	Lyallpur	503,844	365,051	868,895	3,326	48·78	46	...	...	3	0·04	38	0·56	1,165	[illegible]
	25	Jhang	263,916	225,696	489,612	1,670	44·49	57	...	...	...	...	3	0·08	1,857	[illegible]
	26	Multán	388,423	327,205	715,628	2,011	36·62	80	...	...	...	...	4	0·07	2,672	[illegible]
	27	Muzaffargarh ...	308,350	261,111	569,461	1,790	36·40	68	...	...	...	...	1	0·02	2,286	[illegible]
	28	Dera Gházi Khan ...	272,409	227,451	499,860	1,074	28·02	40	...	...	...	...	1	0·03	1,793	[illegible]
		Total of Division for month.	2,012,861	1,654,710	3,667,571	11,275	40·08	318	...	...	4	0·01	225	0·80	10,817	[illegible]
		Total of corresponding month of previous year.				12,236	43·49	322	...	...	22	0·08	...	...	5,360	[illegible]
		Total of month for Province.	10,094,669	8,343,202	18,437,871	59,889	42·34	794	...	...	56	0·04	8,275	5·85	32,795	[illegible]
		Total of corresponding month of previous year.				66,576	47·07	768	...	...	60	0·04	239	0·17	22,644	[illegible]
		Increase or decrease ...	...	...	...	−6,687	−4·73	+26	...	...	−4	=	+8,036	+5·68	+10,151	[illegible]

Weather was remarkably dry.

As compared with the figures for the corresponding month of the previous year, there was a decrease of 6,687 births or 4·73 *per mille* of population which was [illegible] decrease of 0·79 *per mille* of population which was confined to the Ambála, Jullundur and Ráwálpindi Divisions, but most marked (3·53) in the Ambála Division.

Compared with the death-rate for the corresponding month of the previous year there was an increase of 12·61 *per mille* of population which was general [illegible] there was a decrease of 3·33 *per mille* of population which was shared by all the divisions except Jullundur and was noticed under every head of mortality except plague.

SANITARY COMMISSIONER'S OFFICE, LAHORE:
19th April 1918.

of 20,000 or upwards) in the Punjab for the month of February 1918.

…REGISTERED.

Dysentery and Diarrhœa: Number registered.	Ratio per 1,000 per annum.	Respiratory Diseases: Number registered.	Ratio per 1,000 per annum.	Injuries, including Suicide: Number registered.	Ratio per 1,000 per annum.	Other Causes: Number registered.	Ratio per 1,000 per annum.	Total of all Causes: Number: Males.	Females.	Total.	Ratio per 1,000 per annum.	Total of corresponding month of previous year: Number: Males.	Females.	Total.	Ratio per 1,000 per annum.	No.	Districts excluding towns.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
20	0·34	155	2·61	9	0·15	299	5·04	890	857	1,747	29·43	674	551	1,175	19·79	1	Hissar.
15	0·27	112	2·04	27	0·49	365	6·66	726	696	1,422	28·64	539	468	1,007	18·37	2	Rohtak.
43	0·78	174	3·22	25	0·46	562	10·40	1,513	1,252	2,765	51·17	522	469	991	18·34	3	Gurgaon.
14	0·24	76	1·33	11	0·19	278	4·82	684	613	1,297	22·48	762	626	1,388	24·05	4	Karnál.
19	0·41	255	5·47	7	0·15	268	5·75	791	682	1,473	31·58	808	676	1,484	31·81	5	Ambála.
3	1·12	15	5·58	...	...	16	5·95	27	24	51	18·97	22	22	44	16·37	6	Simla.
113	0·41	787	2·86	79	0·29	1,788	6·50	4,631	4,124	8,755	31·81	...	...	...	...		
74	0·27	647	2·35	63	0·23	1,621	5·89	...	...	...	...	3,277	2,812	6,089	22·12		
33	0·56	193	3·28	10	0·17	430	7·31	731	632	1,363	23·17	904	780	1,684	28·63	7	Kángra.
3	0·02	164	2·33	19	0·27	370	3·83	781	771	1,552	22·02	862	668	1,530	21·71	8	Hoshiárpur.
11	0·20	113	2·01	15	0·27	275	4·89	1,190	1,093	2,283	40·63	596	635	1,231	34·01	9	Jullundur.
4	0·11	118	3·24	10	0·27	360	9·89	1,379	1,285	2,664	73·24	427	431	858	23·59	10	Ludhiána.
14	0·20	184	2·64	13	0·19	501	7·19	978	919	1,897	27·21	832	758	1,590	22·81	11	Ferozepore.
64	0·22	771	2·64	67	0·23	1,836	6·30	5,059	4,700	9,759	33·47	...	...	...	...		
94	0·32	970	3·33	62	0·21	1,960	6·72	...	...	...	...	3,621	3,272	6,893	23·64		
16	0·27	81	1·35	12	0·20	365	6·08	2,517	2,008	4,525	75·38	709	569	1,278	21·29	12	Lahore.
39	0·70	116	2·08	16	0·29	223	3·99	887	720	1,607	28·78	705	626	1,331	23·84	13	Amritsar.
33	0·53	573	9·16	7	0·11	70	1·13	985	858	1,843	29·80	789	662	1,451	23·40	14	Gurdáspur.
19	0·27	302	4·30	15	0·21	341	4·86	959	802	1,741	24·81	994	785	1,779	25·35	15	Siálkot.
6	0·09	77	1·12	20	0·29	304	4·43	1,954	1,588	3,542	51·61	1,245	986	2,231	32·51	16	Gujránwála.
113	0·36	1,149	3·63	70	0·22	1,303	4·12	7,282	6,076	13,258	41·88	...	...	...	...		
101	0·32	1,169	3·69	63	0·20	1,423	4·50	...	...	...	...	4,442	3,628	8,070	25·49		
12	0·21	121	2·12	14	0·24	228	3·99	829	707	1,536	26·81	772	571	1,343	23·48	17	Gujrát.
19	0·36	132	2·50	8	0·15	253	4·80	973	895	1,868	35·43	708	535	1,243	23·58	18	Shahpur.
11	0·28	96	2·48	10	0·26	193	4·99	718	587	1,305	33·75	561	443	1,004	25·96	19	Jhelum.
124	3·51	133	3·76	10	0·28	94	2·66	588	585	1,173	33·17	682	535	1,217	34·41	20	Ráwalpindi.
1	0·02	62	1·57	8	0·20	197	4·98	687	594	1,281	32·40	657	502	1,159	29·32	21	Attock.
20	0·76	29	1·11	7	0·27	104	3·97	630	541	1,171	44·73	505	428	933	35·64	22	Miánwáli.
187	0·75	573	2·29	57	0·23	1,069	4·28	4,425	3,909	8,334	33·38	...	...	...	...		
194	0·78	687	2·75	69	0·28	1,193	4·78	...	...	...	...	3,885	3,014	6,899	27·63		
8	0·20	22	0·57	16	0·41	181	4·68	1,083	867	1,950	50·43	447	431	878	22·71	23	Montgomery
31	0·45	132	1·94	24	0·35	329	4·83	920	802	1,722	25·28	686	596	1,282	18·80	24	Lyallpur.
20	0·53	33	0·88	12	0·32	324	8·63	908	841	1,749	46·59	512	473	985	26·24	25	Jhang.
7	0·13	7	0·13	7	0·13	293	5·34	1,768	1,232	2,990	54·45	788	635	1,423	25·92	26	Multán.
8	0·18	12	0·27	7	0·16	88	2·01	1,470	962	2,432	54·99	781	598	1,379	31·57	27	Muzaffargarh
33	0·86	20	0·52	4	0·10	100	2·61	1,064	887	1,951	50·90	610	484	1,094	28·54	28	Dera Gházi Khan.
107	0·38	226	0·60	70	0·25	1,315	4·67	7,183	5,611	12,764	45·37	...	...	...	...		
57	0·20	177	0·63	41	0·15	1,384	4·92	...	...	...	...	3,834	3,217	7,041	25·03		
384	0·41	3,566	2·43	343	0·24	7,311	5·17	28,550	24,320	52,870	37·38	...	...	...	...		
520	0·37	3,650	2·58	298	0·21	7,581	5·36	19,049	15,943	34,992	24·74	...	...	...	...		
+64	+0·04	−144	−0·10	+45	+0·03	−270	−0·19	+9,501	+8,377	+17,878	+12·64	...	...	...	...		

…marks.

…general throughout the Province but most marked (7·68) in the Jullundur Division. Compared with the birth-rate for the previous month, however, there was a slight

…throughout the province but most marked (20·34) in the Multán Division. The excess was due chiefly to plague and fevers. Compared with the death-rate of the previous month

…and injuries.

W. H. MILLS, Supdt.,

for Sanitary Commissioner, Punjab.

Vital Statistics of the towns (with population of 20,000

District.	No.	Towns.	Population under registration according to census of 1911. Males.	Females.	Total.	Births registered. Number registered (excluding still births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Deaths. Cholera. Number registered.	Ratio per 1,000 per annum.	Small-pox. Number registered.	Ratio per 1,000 per annum.	Plague. Number registered.	Ratio per 1,000 per annum.	Fevers. Number registered.	Ratio per 1,000 per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Hissar ...	1	Bhiwáni ...	16,249	14,851	31,100	117	49·16	5	...	...	14	5·88	39	16·39	42	[illegible]
Gurgaon ...	2	Rewári ...	12,885	11,895	24,780	74	38·86	...	...	...	...	...	9	4·72	2	[illegible]
Karnál ...	3	Karnál ...	11,233	9,785	21,018	77	47·41	...	...	...	...	...	...	...	14	[illegible]
	4	Pánipat ...	13,554	12,788	26,342	105	52·08	1	...	...	32	15·87	...	...	22	[illegible]
Ambála ...	5	Ambála ...	13,589	10,904	24,493	90	47·97	1	...	...	...	...	19	10·13	27	[illegible]
Jullundur ...	6	Jullundur ...	30,539	24,815	55,354	167	39·24	1	...	...	...	...	11	2·59	29	[illegible]
Ludhiána ...	7	Ludhiána ...	24,765	18,387	43,152	143	43·28	...	...	...	1	0·30	117	35·41	71	[illegible]
Ferozepore ...	8	Ferozepore ...	13,930	10,748	24,678	62	32·56	...	...	...	...	...	1	0·53	19	[illegible]
Lahore ...	9	Lahore ...	129,513	80,758	210,271	535	33·17	25	...	...	...	...	58	3·51	311	[illegible]
	10	Kasúr ...	13,769	11,014	24,783	70	36·76	...	...	...	...	...	29	15·23	81	[illegible]
Amritsar ...	11	Amritsar ...	87,828	63,511	151,339	445	38·30	26	...	...	...	...	9	0·77	185	[illegible]
Gurdáspur ...	12	Batála ...	14,180	12,250	26,430	113	56·05	3	...	...	...	...	41	20·34	28	[illegible]
Siálkot ...	13	Siálkot ...	26,651	21,944	48,595	182	48·87	3	...	...	...	...	9	2·42	15	[illegible]
Gujránwála ...	14	Gujránwála ...	15,600	13,037	28,637	157	71·89	...	...	...	...	...	...	...	52	[illegible]
Ráwalpindi ...	15	Ráwalpindi ...	28,948	17,694	46,642	124	34·60	8	...	...	...	...	...	...	29	[illegible]
Jhang ...	16	Jhang-Maghiána	13,212	12,702	25,914	122	61·37	2	...	...	...	...	...	...	20	[illegible]
Multán ...	17	Multán ...	46,987	38,760	85,747	249	37·69	2	...	...	...	...	79	12·01	115	[illegible]
Total of month ...			513,432	385,843	899,275	2,832	41·05	77	...	...	47	0·69	421	6·10	1,021	[illegible]
Total of corresponding month of previous year.						3,176	46·03	84	...	...	8	0·12	43	0·62	788	[illegible]
Increase or decrease ...			...	...	...	−344	− 4·98	− 7	...	...	+ 39	+ 0·57	+ 378	+ 5·48	+ 233	[illegible]

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 19th April 1918.

or upwards) of the Punjab for the month of February 1918.

REGISTERED.

Dysentery and Diarrhœa.		Respiratory Diseases.		Injuries, including Suicide.		Other Causes.		Total all Causes.				Total of corresponding month of previous year.					
								Number.				Number.					
Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	No.	Towns.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
4	1·68	19	7·98	...	...	65	27·31	90	93	183	76·89	34	31	65	27·31	1	Bhiwáni.
11	5·78	22	11·55	1	0·53	35	18·38	44	36	80	42·03	21	24	45	23·63	2	Rewári.
1	0·62	6	3·69	...	...	10	6·16	21	10	31	19·09	15	12	27	16·63	3	Karnál.
2	0·99	15	7·44	...	...	21	10·42	38	54	92	45·63	46	42	88	43·65	4	Pánipat.
6	3·20	22	11·72	2	1·07	14	7·46	47	43	90	47·97	56	53	109	58·10	5	Ambála.
6	1·41	34	8·02	1	0·23	15	3·52	55	41	96	22·56	40	41	81	19·03	6	Jullundur.
6	1·82	30	9·08	1	0·30	33	9·99	137	122	259	78·39	35	46	81	24·52	7	Ludhiána.
1	0·53	15	7·88	...	...	7	3·67	27	16	43	22·58	17	10	27	14·18	8	Ferozepore.
13	0·80	163	10·11	3	0·19	93	5·70	357	283	640	39·68	283	183	466	28·89	9	Lahore.
1	0·53	10	5·25	5	2·62	22	11·55	54	44	98	51·47	36	23	59	30·99	10	Kasúr.
13	1·12	192	16·53	7	0·60	38	3·27	246	198	444	38·21	145	140	285	24·53	11	Amritsar.
1	0·50	24	11·90	1	0·50	7	3·47	53	49	102	50·60	33	34	67	33·23	12	Batála.
1	0·27	18	4·83	...	...	24	6·44	41	26	67	17·99	45	41	86	23·09	13	Siálkot.
2	0·92	16	7·33	3	1·37	22	10·07	45	50	95	43·50	39	41	80	36·63	14	Gujránwála.
5	1·40	42	11·72	1	0·28	35	9·77	66	46	112	31·25	72	53	125	34·88	15	Ráwalpindi.
6	3·02	1	0·50	...	...	42	21·13	45	33	78	39·24	51	52	103	51·81	16	Jhang-Maghiána.
12	1·82	44	6·69	...	...	72	10·94	171	151	322	48·94	122	94	216	32·83	17	Multán.
91	1·32	673	9·75	25	0·36	554	8·03	1,537	1,295	2,832	41·05	...	...	...	...		
80	1·16	539	7·81	23	0·33	529	7·67	1,090	920	2,010	29·13	...	...	...	...		
+ 11	+ 0·16	+ 134	+ 1·94	+ 2	+ 0·03	+ 25	+ 0·36	+ 447	+ 375	+ 822	+ 11·92	...	...	...	...		

W. H. MILLS, Supdt.,

for Sanitary Commissioner, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 13th April 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	5	6	11	15	7	8	..	1	2	4	...	2	...	6	1	1	2	33	46	1
2		Hánsi ...	14,576	2	4	6	55	29	26	..	...	41	3	...	3	...	8	1	3	4	21	196	2
3		Bhiwáni ...	31,100	9	8	17	156	69	87	...	4	133	6	3	4	...	6	5	1	6	29	262	3
4		Sirsa ...	14,629	3	3	6	7	6	1	..	..	...	3	..	1	...	3	...	...	...	21	25	4
5	Rohtak ...	Rohtak ...	19,862	9	10	19	8	5	3	...	...	1	...	...	1	..	6	2	2	4	50	21	5
6		Jhajjar ...	10,617	4	8	12	6	4	2	...	1	...	1	...	1	...	3	2	1	3	59	30	6
7		Sonepat ...	12,014	4	5	9	2	2	...	...	...	...	1	...	1	...	...	1	...	1	39	9	7
8	Gurgaon ...	Rewári ...	24,780	10	5	15	81	48	33	...	...	42	1	11	9	...	18	1	1	2	32	170	8
9	Karnál ...	Karnál ...	21,018	6	2	8	18	9	9	..	..	...	9		2	...	7	6	3	9	20	44	9
10		Kaithal ...	12,912	8	11	19	7	3	4	..	..	...	3	...	1	...	3	1	3	4	78	29	10
11		Pánipat ...	26,342	18	14	32	12	10	2	...	2	...	2	...	2	...	6	6	1	7	63	24	11
12		Shahabad ...	11,054	2	6	8	9	2	7	...	3	1	2	...	2	...	1	...	1	1	38	43	12
13	Ambála ...	Ambála ...	24,493	8	4	12	31	16	15		...	13	7	1	6	...	4	1	...	1	26	66	13
14		Jagádhri ...	12,045	4	4	8	13	4	9	...	...	1	5	...	4	...	3	1	2	3	35	56	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	8	4	12	10	7	3		...	2	4	...	2	...	2	...	...	...	36	30	15
16	Jullundur ...	Jullundur ...	55,354	13	14	27	67	31	36	...	..	30	16	3	11	1	6	3	3	6	25	68	16
17	Ludhiána ...	Ludhiána ..	43,152	12	13	25	82	36	46	...	..	45	13	3	13	1	7	4	7	11	30	99	17
18		Jagráon ...	15,039	3	8	11	92	45	47	...	...	71	11	1	...		9	2	2	4	38	32[illegible]	18
19	Ferozepore ...	Ferozepore ...	24,678	6	7	13	10	7	3	...	...	...	5	...	1	...	4	3	...	3	27	21	19
20		Fázilka ...	10,985	7	1	8	31	14	17	.	..	20	2	2	2	...	5	1	3	4	38	148	20
21	Lahore ...	Lahore ...	210,271	56	56	112	121	67	54	...	...	5	53	5	28	2	28	18	16	34	28	30	21
22		Kasúr ...	24,783	9	11	20	46	25	21	...		39	2	...	1	..	4	...	2	2	42	97	22
23	Amritsar ...	Amritsar ...	151,339	53	38	91	142	86	56	..	...	27	60	3	35	4	13	8	6	14	31	49	23
24	Gurdáspur ...	Batála ...	26,430	11	5	16	25	13	12	..		11	10	1	1	1	1	...	...	...	32	50	24
25	Siálkot ...	Siálkot ...	48,595	11	14	25	23	15	8		...	...	7	1	7	...	8	5	4	9	27	25	25
26	Gujránwála ...	Gujránwála ...	28,687	5	11	16	9	6	3	..	...	...	6	...	2	...	1	3	1	4	29	16	26
27		Wazírabad ...	17,146	2	3	5	9	6	3	...	...	...	4	...	1	...	4	2	...	2	15	27	27
28	Gujrát ...	Gujrát ...	18,692	4	8	12	9	4	5	...	...	...	7	...	2	...	...	2	...	2	34	25	28
29		Jalálpur ...	11,615	4	1	5	4	2	2	..	...	...	1	1	1	...	1	...	1	1	22	18	29

Weekly return of births and deaths &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	10	7	17	11	7	4	...	...	...	5	1	1	...	4	3	1	4	58	37	30
31		Khusháb ...	10,159	4	5	9	4	4	...	...	...	1	2	...	...	...	1	1	...	1	46	20	31
32	Jhelum ...	Jhelum ...	12,298	2	4	6	8	3	5	...	...	2	4	...	...	...	2	2	4	6	25	34	32
33		Pind Dádan Khan	10,590	1	3	4	85	49	36	...	...	82	.	...	1	...	2	...	2	2	20	419	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	8	14	22	24	13	11	...	...	..	7	...	10	1	6	2	4	6	25	27	34
35	Lyallpur ...	Lyallpur ...	19,578	2	1	3	2	...	2	...	.	...	1	...	1	...	...	...	...	...	8	5	35
36	Jhang ...	Jhang-Maghiána	25,914	3	5	8	22	10	12	...	...	4	5	7	...	..	6	3	1	4	16	44	36
37		Chiniot ...	14,085	9	8	17	10	4	6	...	...	...	2	2	1		5	1	4	5	62	37	37
38	Multán ...	Multan ...	85,747	12	10	22	333	174	159	...	...	223	96	1	3	...	10	3	5	8	13	202	38
	Grand Total ...		1,196,515	347	341	688	1,599	842	757	...	11	796	370	46	163	10	203	94	85	179	30	70	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	4	7	11	10	5	5	...	..	..	5	1	1	...	3	2	2	4	30	27	
	Dharmsala	... ...	2,518	...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	20	
	Dalhousie ..	... ...	938	1	...	1	...	...	..	...	..	..	...	...	...	...	...	...	...	...	48	...	
	Murree ...	... ...	1,361	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	107	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 13th April 1918 there were 688 births registered in the 38 large municipal towns (347 males and 341 females), giving a birth rate of 30 *per mille* of population, and 1,599 deaths were registered (842 males and 757 females), giving a death rate of 70 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 30 against 32 in the corresponding week of the previous year, Amritsar 49 against 33 and Multán 202 against 23.

There were 4 deaths registered from small-pox in Bhiwáni, 3 in Shahabad, 2 in Pánipat and 1 each in Hissar and Jhajjar. Of the 796 deaths from plague, 223 were reported in Multán, 133 in Bhiwáni, 82 in Pind Dadan Khan, 71 in Jagráon, 45 in Ludhiána, 42 in Rewári, 41 in Hánsi, 39 in Kasúr, 30 in Jullundur, 27 in Amritsar, 20 in Fázilka, 13 in Ambála, 11 in Batála, 5 in Lahore, 4 in Jhang-Maghiána, 2 each in Hissar, Hoshiárpur and Jhelum and 1 each in Rohtak, Shahabad, Jagádhri and Khusháb.

Sanitary Commissioner's Office,
Lahore :
The 23rd April 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

188 PGG—640—25-4-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 18.] LAHORE, FRIDAY, MAY 3, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 30th April 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 9 ... Gram, 15. Bajra, 10½. Bejhar, 15¾. Prices between normal and warning rates.	Standing crops average; gram, barley and wheat being harvested. Yield average.	—
2	Rohtak ...	...	1. Adequate ... 2. (a) Do. (b) Do. 3. Generally good.	Wheat, 10 ... Gram, 14. Barley 15. Jowar, 13. Bajra, 10. Prices between normal and warning rates.	Condition of extra spring crops good. Harvesting of wheat, gram and barley in progress. Yield average.	Sowings of irrigated sugarcane nearly completed and are normal. Germination good.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Canal flowing but no irrigation was done. 3. Good.	Wheat, 10¼ to 12... Barley, 13½ to 17. Gram, 14 to 16. Jowar, 8 to 10. Bajra, 8¾ to 16. Maize, 11 to 12. Prices generally between normal and warning rates.	Reaping of spring crops nearly completed. Yield expected to be below normal. Condition of extra spring crops good.	...
4	Ambála ...	...	1. Sufficient. ... 2. (a) Do. (b) Adequate. 3. Good.	Wheat, 10½ ... Gram, 13. Barley, 14½. Maize, 13. Bajra, 9¾. Prices between normal and warning rates.	Harvesting of spring crops continues. Yield below average. Extra spring crops good.	Condition of sugar-cane good.
5	Jullundur ...	...	1. Inadequate ... 2. (a) Adequate. 3. Generally good.	Wheat, 9½ ... Barley, 14. Gram, 11¼. Maize, 11. Prices generally between warning and scarcity rates.	Standing extra spring crops good. Reaping of spring crops nearly completed. Thrashing in progress. Yield average on irrigated area and below average on unirrigated area.	Sowings of sugar-cane and cotton continue and are normal.
6	Ferozepore ...	...	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 10 ... Gram, 12. Prices between normal and warning rates.	Wheat and gram being harvested. Yield normal.	...
7	Lahore ...	0·17 at Sadr ...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Good.	Wheat, 8¾ ... Gram, 11½ Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Gram and wheat being reaped. Expected yield average on irrigated area and below average on unirrigated area.	Sowings of sugar-cane, cotton and fodder continue to a large extent.
8	Amritsar ...	0·54 at Sadr ... 0·09 at Tarn Táran.	1. Insufficient .. 2. (b) Canals flowing by rotations; supply sufficient. 3. Good.	Wheat, 10 ... Barley, 14½. Gram, 11½. Maize, 10¼. Jowar, 8. Bajra, 9⅞. Prices generally between warning and scarcity rates.	Standing crops average. Wheat, barley and gram being reaped.	Sowings of sugar-cane and cotton continue to normal extent.
9	Siálkot ...	0·03 at Sadr .. 0·06 at Zafarwál. 0·08 at Pasrúr. 0·07 at Daska.	1. Insufficient ... 2. (a) Sufficient. (b) Canal closed. 3. Good.	Wheat, 9 to 10 ... Barley, 13 to 14. Gram, 10 to 10½. Prices between normal and scarcity rates.	Standing crops average. Yield of wheat and other spring crops average.	Sowings in progress and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
10	Shahpur ...	0·15 at Sadr ... 0·07 at Shahpur ... 0·02 at Khushâb.	1. Sufficient ... 2. (b) Lower Jhelum Canal flowing; supply sufficient. 3. Good.	Wheat, 8½ to 9¾ ... Gram, 11 to 13½. Bajra, 12 to 12½. Maize, 11 to 12. Prices between normal and scarcity rates.	Standing crops average. Reaping of wheat and other spring crops continues. Yield expected to be normal. Sowings of extra spring crops completed and are normal.	Sowings of cotton continue to normal extent. Germination fair.
11	Râwalpindi ...	0·70 at Murree ... 0·56 at Kahúta.	1. Available ... 3. Good.	Wheat, 7½ ... Barley, 12 Gram, 8½. Maize, 10¾. Bajra, 10½. Jowar, 6½. Prices between warning and scarcity rates or at above scarcity rates.	Standing irrigated crops good and unirrigated average. Harvesting of wheat and other crops continues. Yield of oilseeds below average and of other crops average. Extra spring crops being sown in small quantity.	Sowings of sugarcane and cotton continue, and are normal.
12	Miánwáli ...	0·13 at Sadr ...	1. Procurable ... 2. (a) Do. (b) Canals flowing; supply sufficient. 3. Good.	Wheat, 8½ ... Gram, 12. Bajra, 11. Jowar, 7. Prices generally between warning and scarcity rates.	Standing irrigated crops above average and unirrigated average. Reaping of gram and wheat continues. Yield above normal on irrigated area and normal on unirrigated area. Sowings of extra spring crops continue and are normal.	Cotton, jowar and fodder being sown to normal extent.
13	Lyallpur ...	0·20 at Sadr ... 0·17 at Samundri.	1. Dry fodder sufficient, green scarce. 2. (b) Satisfactory. 3. Generally good.	Wheat, 9½ ... Gram, 12. Prices between warning and scarcity rates.	Harvesting of wheat in progress. Yield of gram normal and of wheat and barley above normal.	Sowings of cotton continue and are normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing. 3. Generally good.	Wheat, 8¾ ... Gram, 8¾. Bajra, 9½. Barley, 13. Jowar 7. Prices between warning and scarcity rates or at above scarcity rates.	Condition of standing spring and extra spring crops average. Reaping of wheat continues and of other crops nearly completed. Threshing in progress. Yield generally normal. Extra spring crops being sown to normal extent.	Sowings, of rice cotton fodder, &c., continue and are normal.

GENERAL REMARKS.

Except for light showers in parts of a few submontane and western districts weather was dry and clear and consequently favourable for harvesting operations. Condition of standing wheat and other crops is generally good on irrigated area and average on unirrigated area. Harvesting of wheat and other spring crops continues. Yield normal to good on irrigated area and below normal to normal on unirrigated area. Sowings of extra spring crops nearly completed and of sugarcane, cotton and fodder in progress and are generally normal. Germination good. Cattle are healthy and fodder is sufficient except in a few central districts. Prices have fallen slightly but range generally between warning and scarcity rates, except in the south-east where they range between normal and warning rates. Prices of wheat :— Ráwalpindi 7½, Lahore 8½, Lyallpur 9½, Ferozepore 10, and Ambála 10½ seers per rupee.

RAHIM BAKHSH,

Director of Land Records, Punjab.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
Districts.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	8 8	8 8	9 8	12 8	12 8	12 12	...	...	...	5 0	5 0	7 0
Rohtak	8 0	8 2	9 12	14 0	12 0	15 0	...	...	...	5 6	5 8	6 8
Gurgáon	8 4	8 4	10 0	13 8	13 0	15 0	...	...	...	6 0	6 0	8 0
Karnál	9 0	10 0	10 0	14 0	14 0	15 0	...	...	...	6 0	6 0	8 0
Ambála	8 8	8 14	9 12	14 0	12 0	13 4	...	...	...	7 2	7 8	8 12
Simla	7 8	8 0	7 8	9 4	9 4	10 12	...	...	...	5 0	5 4	6 12
JULLUNDUR.												
Kángra	5 8	5 8	8 0	8 0	8 8	13 0	...	...	...	7 8	7 8	8 0
Hoshiárpur	8 4	8 0	10 0	8 0	8 0	12 0	...	...	...	6 0	6 8	7 0
Jullundur	8 12	8 12	10 0	10 8	10 8	12 0	...	...	...	6 8	6 8	7 0
Ludhiána	9 0	9 0	10 0	12 8	12 8	13 8	...	...	...	6 0	6 0	6 0
Ferozepore	8 12	8 12	10 0	11 0	11 0	13 0	...	...	...	6 8	6 8	7 0
LAHORE.												
Lahore	8 0	8 0	9 4	12 0	11 8	13 0	...	...	...	6 0	6 8	8 4
Amritsar	9 0	8 10	9 14	11 0	11 0	14 12	...	...	...	6 8	7 0	7 11
Gurdáspur	7 8	7 8	9 8	10 0	10 0	13 0	...	...	...	7 0	7 8	8 0
Siálkot	6 8	8 0	10 0	13 0	12 0	12 0	...	...	...	‡	7 8	8 8
Gujránwála	8 8	7 12	10 0	16 0	§	16 0	...	...	...	6 8	6 8	9 4
RAWALPINDI.												
Gujrát	7 0	7 0	10 0	12 0	12 0	15 0	...	...	...	6 0	6 8	8 0
Shahpur	9 8	9 12	9 9	13 0	11 12	14 9	...	...	...	5 8	5 8	7 0
Jhelum	8 12	7 4	9 8	12 0	11 8	14 0	...	...	...	6 0	6 4	8 0
Ráwalpindi	7 8	6 4	8 8	12 0	11 12	14 0	...	...	...	6 12	6 12	8 0
Attock	7 12	7 8	8 12	12 0	11 8	14 0	...	...	...	6 8	7 0	7 0
Miánwáli	8 6	8 6	8 12	‡	‡	13 0	...	...	...	6 0	6 0	7 0
MULTAN.												
Montgomery	7 13	8 3	9 0	§	12 8	11 0	...	...	...	6 0	6 0	7 0
Lyallpur	9 0	9 8	9 12	12 0	12 0	14 0	...	...	...	6 8	6 8	7 0
Jhang	9 8	10 6	9 12	13 0	13 8	13 12	...	...	...	5 8	5 4	7 0
Multán	8 2	8 6	9 8	11 8	11 8	13 0	...	...	...	7 0	7 4	8 8
Muzaffargarh	8 2	8 4	9 8	11 0	11 0	12 8	...	...	...	7 8	7 8	6 8
Dera Ghází Khan ...	9 4	6 2	9 8	12 8	‡	16 8	...	...	...	5 8	5 8	9 6

†Not produced. ‡ Not sold.

NOTE.—The prices of rice as shown in the statement are

N.B.—Variations in prices are due to fluctuations

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH APRIL 1918.

THE ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			Districts.
Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
‡	‡	†	10 4	10 8	15 8	‡	‡	†	‡	‡	†	Hissar.
13 0	13 0	18 0	10 8	10 8	17 8	†	†	†	†	†	†	Rohtak.
9 0	9 0	16 0	11 8	11 0	16 0	†	†	§	†	†	§	Gurgáon.
‡	‡	†	‡	‡	†	†	†	†	§	§	†	Karnál.
9 12	12 0	17 0	9 12	10 0	13 8	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
9 4	9 4	10 0	8 4	9 4	10 12	‡	‡	†	‡	‡	†	Simla.
												JULLUNDUR.
‡	‡	†	‡	‡	†	‡	‡	†	‡	‡	†	Kángra.
7 0	8 0	11 0	7 0	6 8	12 0	†	†	†	‡	‡	†	Hoshiárpur.
6 0	9 0	13 0	6 0	8 0	13 0	†	†	†	9 0	9 0	9 0	Jullundur.
9 0	9 0	14 8	8 8	8 8	13 8	†	†	†	6 0	6 0	7 8	Ludhiána.
‡	‡	11 0	†	†	13 8	†	†	†	‡	‡	†	Ferozepore.
												LAHORE.
7 12	9 0	13 8	8 8	9 4	13 8	§	§	†	10 0	11 0	12 8	Lahore.
7 8	9 8	12 8	9 0	9 0	15 12	§	§	†	10 0	10 0	15 4	Amritsar.
6 8	9 0	12 8	§	§	†	§	§	†	7 0	8 0	8 0	Gurdáspur.
§	§	§	§	§	13 0	§	§	§	§	§	§	Siálkot.
6 4	§	11 4	§	§	†	§	§	†	§	§	†	Gujránwála.
												RAWALPINDI.
§	§	§	9 0	9 0	14 0	‡	†	†	§	§	†	Gujrát.
6 0	7 12	12 0	12 8	12 8	14 8	§	§	†	§	§	†	Shahpur.
§	8 0	13 0	9 0	9 0	12 8	†	†	†	†	†	†	Jhelum.
7 0	7 8	11 0	10 8	10 8	13 0	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	11 8	11 0	12 0	‡	‡	†	‡	‡	†	Attock.
8 0	8 12	10 0	12 0	12 12	15 0	†	†	†	†	†	†	Miánwáli.
												MULTAN.
6 0	6 0	12 0	§	§	12 0	§	§	†	§	§	†	Montgomery.
§	§	12 0	§	§	15 0	§	§	†	§	§	†	Lyallpur.
‡	‡	10 0	8 8	‡	12 0	14 8	14 8	14 0	11 8	11 8	11 8	Jhang.
‡	‡	12 12	9 12	9 12	13 8	‡	‡	†	13 0	13 0	14 0	Multán.
§	§	§	§	§	§	§	§	§	§	§	§	Muzaffargarh.
5 8	6 4	14 12	9 11	7 8	16 0	‡	‡	†	‡	‡	†	Dera Gházi Khan.

§Not procurable.
for the quality in common demand.
in imports and exports.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	10			11			12			13		
	Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).			*Maize (Zea Mays).*			*Arhur or Thur Cadjan Pea (Cajanus indicus).*			*Firewood.*		
DISTRICTS.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.	Present fortnight ending 15th April 1918.	Past fortnight ending 31st March 1918.	Corresponding fortnight of 15th April 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	12 8	12 8	15 8	‡	‡	†	‡	‡	†	60 0	60 0	70 0
Rohtak	13 8	12 8	14 12	§	§	†	8 0	8 0	8 0	60 0	(a)	70 0
Gurgáon	13 8	13 0	15 0	11 0	11 0	13 0	9 0	9 0	8 0	60 0	60 0	60 0
Karnál	14 0	13 8	15 0	‡	‡	‡	8 0	9 0	9 8	90 0	90 0	110 0
Ambála ...	12 0	12 0	14 4	13 0	12 4	15 0	7 12	7 12	8 12	85 0	77 0	90 0
Simla	8 12	8 8	10 0	9 4	10 0	10 12	5 4	5 0	5 4	53 0	53 0	60 0
JULLUNDUR.												
Kángra	6 8	6 8	7 12	8 0	8 8	11 0	4 8	4 8	5 0	80 0	80 0	80 0
Hoshiárpur	10 0	9 8	12 0	10 12	11 0	15 8	‡	‡	†	80 0	80 0	70 0
Jullundur	11 0	10 0	12 12	10 12	11 4	14 8	§	§	†	40 0	44 0	65 0
Ludhiána	11 0	10 0	12 4	11 8	11 8	15 8	8 8	8 8	6 0	55 0	55 0	70 0
Ferozepore	11 0	11 0	13 0	§	§	14 0	5 0	5 0	5 8	60 0	60 0	60 0
LAHORE.												
Lahore	10 4	10 4	12 12	8 12	9 12	13 8	6 8	7 4	7 4	40 0	40 0	40 0
Amritsar	9 14	9 14	12 4	9 4	9 4	14 8	7 0	6 4	8 0	50 0	47 0	65 0
Gurdáspur	8 0	8 8	10 8	10 0	10 8	15 0	§	§	†	60 0	50 0	60 0
Siálkot	8 8	8 8	11 0	§	10 0	13 0	§	§	†	80 0	60 0	70 0
Gujránwála	10 8	10 4	13 0	§	§	†	§	§	†	43 0	48 0	53 0
RAWALPINDI.												
Gujrát	9 0	8 12	11 12	9 0	9 0	14 0	†	†	†	45 0	45 0	65 0
Shahpur	11 0	11 0	13 0	11 0	11 0	15 0	7 0	7 0	7 14	53 0	50 0	63 0
Jhelum	10 0	10 0	12 0	9 8	9 0	12 0	6 0	6 0	7 0	45 0	55 0	53 0
Rawalpindi	8 8	8 8	11 8	10 12	10 12	13 0	8 4	8 4	†	33 0	38 0	64 0
Attock	9 4	9 4	11 12	12 0	12 0	11 8	5 8	5 4	5 4	46 0	45 0	61 0
Miánwáli	12 8	10 2	14 0	‡	‡	†	‡	‡	†	45 0	45 0	55 0
MULTAN.												
Montgomery	9 2	8 8	11 4	6 0	9 0	13 0	§	8 0	7 0	75 0	85 0	110 0
Lyallpur	10 0	9 12	13 8	§	§	14 8	6 0	6 0	7 0	32 0	35 0	55 0
Jhang	10 0	11 0	12 12	9 0	8 8	12 8	‡	‡	†	34 0	34 0	60 0
Multán	8 4	8 0	12 4	§	§	13 0	‡	‡	6 8	45 0	45 0	80 0
Muzaffargarh	8 6	8 6	11 0	§	§	§	§	§	§	80 0	100 0	110 0
Dera Ghàzi Khan ...	10 10	7 2	11 8	‡	‡	†	‡	‡	†	84 0	69 0	90 0

(a) Under enquiry.

* No wholesale salt sold.

† Not produced.

NOTE.—The price of bathu and massar at Simla during the

N.B.—Variations in prices are due to fluctuations in

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB :

Lahore, dated the 25th April 1918.

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH APRIL 1918—CONCLUDED.

THE ORDINARY SEER OF 80 TOLAS.

Salt: Present fortnight ending 15th April 1918, Wholesale (14)	Salt: Present fortnight, Retail (14)	Salt: Past fortnight ending 31st March 1918, Wholesale (14)	Salt: Past fortnight, Retail (14)	Salt: Corresponding fortnight of 15th April 1917, Wholesale (14)	Salt: Corresponding fortnight, Retail (14)	Gur: Present fortnight ending 15th April 1918 (15)	Gur: Past fortnight ending 31st March 1918 (15)	Gur: Corresponding fortnight of 15th April 1917 (15)	Cotton (unginned): Present fortnight ending 15th April 1918 (16)	Cotton (unginned): Past fortnight ending 31st March 1918 (16)	Cotton (unginned): Corresponding fortnight of 15th April 1917 (16)	Districts (1)
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
*	19 0	19 0	18 0	16 0	15 0	9 0	9 8	7 8	3 0	3 0	4 0	Hissar.
16 0	16 0	13 0	12 0	17 8	16 0	10 0	10 0	8 8	2 8	2 8	5 0	Rohtak.
11 0	10 8	10 8	10 0	17 8	17 0	8 8	8 8	7 0	3 0	3 0	4 0	Gurgáon.
11 12	11 0	12 0	11 4	17 8	16 8	9 0	10 0	8 8	‡	‡	‡	Karnál.
13 5	13 0	12 15	12 8	20 0	19 0	7 8	7 0	6 8	‡	§	4 4	Ambála.
10 4	9 8	10 0	9 4	14 8	13 0	5 12	5 4	5 4	§	§	§	Simla.
												JULLUNDUR.
*	7 8	*	7 0	*	9 8	3 8	3 8	3 12	‡	‡	‡	Kángra.
13 2	13 0	13 8	13 0	19 0	18 0	5 8	5 8	7 0	‡	‡	4 0	Hoshiárpur.
14 12	13 8	14 12	13 4	20 0	18 0	5 0	5 0	6 0	§	§	‡	Jullundur.
13 0	12 8	13 8	13 0	17 8	17 0	6 8	6 8	6 8	2 8	2 8	3 8	Ludhiána.
12 0	11 8	12 0	11 8	17 0	15 0	6 0	6 0	5 8	2 6	2 6	4 0	Ferozepore.
												LAHORE.
13 8	13 4	13 8	13 4	18 0	17 0	6 8	6 8	7 0	2 8	2 8	3 12	Lahore.
14 4	13 0	14 4	14 4	22 14	20 0	6 14	7 4	8 8	2 6	2 6	3 14	Amritsar.
*	12 0	*	11 0	*	16 8	7 0	7 0	7 8	4 0	4 0	5 0	Gurdáspur.
15 0	14 0	14 0	13 0	17 0	16 0	6 8	7 8	7 8	‡	‡	4 8	Siálkot.
14 8	14 0	14 8	14 0	21 0	20 0	7 2	7 8	7 12	§	3 1	4 4	Gujránwála.
												RAWALPINDI.
12 0	11 0	12 0	11 0	21 0	18 0	6 0	6 0	7 0	‡	‡	‡	Gujrát.
14 0	13 0	16 8	15 0	17 12	16 0	9 0	8 0	8 0	§	2 12	§	Shahpur.
14 0	14 0	14 0	13 8	20 0	19 0	5 8	5 8	7 0	‡	‡	‡	Jhelum.
14 0	13 8	16 0	14 8	19 0	18 0	6 12	7 4	7 8	‡	§	‡	Ráwalpindi.
21 0	20 0	21 0	20 0	15 0	14 0	7 0	8 0	7 0	4 0	4 0	5 0	Attock.
20 0	20 0	12 0	12 0	*	20 0	5 8	5 8	6 0	‡	‡	‡	Miánwáli.
												MULTAN.
11 0	10 0	12 0	11 0	12 0	11 0	6 8	6 8	7 0	2 4	2 10	4 8	Montgomery.
10 0	8 8	13 0	12 0	18 0	17 8	8 0	8 0	8 4	§	§	4 8	Lyallpur.
11 8	10 8	12 0	11 0	14 8	13 8	7 0	6 12	6 8	[illegible] 3	2 2	3 8	Jhang.
14 8	14 0	12 8	12 0	19 0	18 0	6 4	6 4	7 4	2 1	2 1	4 4	Multán.
10 8	10 0	10 8	10 0	14 4	14 0	6 4	6 0	6 0	§	§	5 0	Muzaffargarh.
11 4	11 0	12 0	11 8	12 8	12 0	5 8	5 8	5 0	3 2	2 11	7 0	Dera Ghási Khan.

‡ Not sold. § Not procurable.

fortnight ending 15th April 1918 was 8 seers 4 chataks and 7 seers 8 chataks respectively.
imports and exports.

B. D. SINGH, HEAD ASST. OF STATISTICS,
Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 8 seers 3 chataks as compared with 8 seers 3 chataks in last fortnight and 9 seers 9 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. c.	*Last fortnight.* Seers. c.	*This fortnight.* Seers. c.
Rohtak	...	9 12	8 2	8 0
Kángra	...	8 0	5 8	5 8
Siálkot	...	10 0	8 0	6 8
Gujrát	...	10 0	7 0	7 0
Multán	...	9 8	8 6	8 2

Barley.—Prices average 12 seers 1 chatak as compared with 11 seers 9 chataks in last fortnight and 13 seers 10 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. c.	*Last fortnight.* Seers. c.	*This fortnight.* Seers. c.
Gurgáon	...	15 0	13 0	13 8
Kángra	...	13 0	8 8	8 0
Amritsar	...	14 12	11 0	11 0
Gujrát	...	15 0	12 0	12 0
Lyallpur	...	14 0	12 0	12 0

Rice.—Prices average 6 seers 4 chataks as compared with 6 seers 7 chataks in last fortnight and 7 seers 10 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. c.	*Last fortnight.* Seers. c.	*This fortnight.* Seers. c.
Karnál	...	8 0	6 0	6 0
Hoshiárpur	...	7 0	6 8	6 0
Lahore	...	8 4	6 8	6 0
Gujrát	...	8 0	6 8	6 0
D. G. Khan	...	9 6	5 8	5 8

Jowar.—Prices average 7 seers 10 chataks as compared with 8 seers 12 chataks in last fortnight and 12 seers 14 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. c.	*Last fortnight.* Seers. c.	*This fortnight.* Seers. c.
Ambála	...	17 0	12 0	9 12
Jullundur	...	13 0	9 0	6 0
Gurdáspur	...	12 8	9 0	6 8
Shahpur	...	12 0	7 12	6 0
D. G. Khan	...	14 12	6 4	5 8

Bajra.—Prices average 9 seers 10 chataks as compared with 9 seers 12 chataks in last fortnight and 13 seers 15 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. c.	*Last fortnight.* Seers. c.	*This fortnight.* Seers. c.
Rohtak	...	17 8	10 8	10 8
Jullundur	...	13 0	8 0	6 0
Amritsar	...	15 12	9 0	9 0
Jhelum	...	12 8	9 0	9 0
D. G. Khan	...	16 0	7 8	9 11

Gram.—Prices average 10 seers 5 chataks as compared with 9 seers 15 chataks in last fortnight and 12 seers 9 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. c.	*Last fortnight.* Seers. c.	*This fortnight.* Seers. c.
Hissar	...	15 8	12 8	12 8
Ferozepore	...	13 0	11 0	11 0
Gujránwála	...	13 8	10 4	10 8
Ráwalpindi	...	11 8	8 8	8 8
Multán	...	12 4	8 0	8 4

Maize.—Prices average 10 seers as compared with 10 seers 4 chataks in last fortnight and 13 seers 9 chataks in corresponding period of 1917. The chief variations in each Division are—

		Same fortnight in 1917. Seers. c.	*Last fortnight.* Seers. c.	*This fortnight.* Seers. c.
Ambála	...	15 0	12 4	13 0
Hoshiárpur	...	15 8	11 0	10 12
Amritsar	...	14 8	9 4	9 4
Gujrát	...	14 0	9 0	9 0
Montgomery	...	14 0	9 0	6 0

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH APRIL 1918.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	WHOLESALE PRICE PER MAUND OF 82 2/7 LBS. OR 40 SEERS OF 80 TOLAS EACH.															
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 4 0	5 8 0	4 8 0	2 12 0	...	4 0 0	4 0 0	3 0 0	3 4 0	5 0 0	6 0 0	4 8 0	7 13 0	7 8 0	5 4 0	...
Ferozepore ...	3 1 3	5 11 6	4 7 0	3 7 9	...	...	...	...	3 7 9	7 4 6	6 10 9	...	7 4 6	7 4 3	6 2 6	49 3 9
Lahore ...	3 11 6	6 6 5	4 13 6	3 4 3	3 8 0	5 0 0	4 7 0	4 7 0	3 13 0	5 14 9	5 8 6	4 7 0	6 10 9	8 0 0	5 14 9	42 10 9
Amritsar ...	3 10 0	5 13 0	4 4 0	3 4 0	...	5 0 0	4 4 0	4 3 6	3 14 6	5 4 0	6 4 0	5 0 0	7 0 0	8 2 0	5 10 0	48 0 0
Ráwalpindi ...	...	5 11 6	5 2 6	3 4 3	...	5 8 3	3 11 6	3 10 3	4 9 3	...	4 5 3	4 9 3	...	...	5 11 6	...
Lyallpur ...	...	6 2 0	4 4 0	3 4 0	...	...	...	...	3 12 0	6 0 0	...	...	7 0 0	8 0 0	4 8 0	65 0 0
Multán ...	3 0 0	5 8 0	4 13 0	3 5 3	3 9 6	...	4 0 0	...	4 10 0	...	3 4 0	6 0 0	7 0 0	6 0 0	6 0 0	55 0 0

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WHOLESALE PRICE PER MAUND OF 82 2/7 LBS. OR 40 SEERS OF 80 TOLAS EACH.															
NAME OF DISTRICT.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow)	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	REMARKS.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	4 0 0	55 0 0	4 14 0	13 0 0	16 0 0	3 0 0	50 0 0	2 0 0	1 0 0	1 2 3	1 2 3	...	(a)4 12 0	150 0 0	100 0 0	
Ferozepore ...	4 3 3	56 14 3	5 5 3	16 0 0	16 0 0	3 5 3	...	2 3 6	...	1 0 0	...	...	...	225 0 0	143 0 0	
Lahore ...	4 1 0	64 0 0	5 11 6	16 0 0	21 5 3	2 14 0	33 0 0	2 13 9	1 0 0	1 8 0	...	1 4 0	(a)6 4 0	170 0 0	200 0 0	
Amritsar ...	4 4 0	64 0 0	4 11 0	10 0 0	16 8 0	2 13 0	41 0 0	2 4 0	...	1 8 0	...	1 12 0	(b)4 2 9	...	[illegible] 0 0	
Rawalpindi ...	...	60 15 3	5 14 6	...	...	2 13 9	39 0 0	...	...	2 8 0	...	...	(c)4 0 0	120 0 0	100 0 0	
Lyallpur ...	3 7 0	53 12 0	5 0 0	20 0 0	20 0 0	4 0 0	35 0 0	2 4 0	...	1 0 0	...	2 0 0	(d)5 12 0	220 0 0	120 0 0	
Multan ...	3 7 0	54 0 0	5 4 0	13 0 0	25 0 0	2 12 0	40 0 0	2 9 0	1 2 0	1 5 3	...	...	(a)5 8 0	...	105 0 0	

*Under enquiry. (a) Elephant Brand. (b) Monkey Brand (c) Victoria Brand. (d) Sun Brand.

Quotations have not been shown in cases in which there have been no wholesale transactions.

NOTE.—Prices of rice as shown in the statement are for the quality in common demand.

N.B.—Variations in prices are due to fluctuations in imports and exports.

In the Statement for the fortnight ending 31st March 1918 under "rice, unhusked" against Lyallpur read for Rs. 5-12-0 and under "rice, husked" read Rs. 5-12-0 for Rs. 6-8-0.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:

Lahore, dated the 25th April 1918.

B. D. SINGH, HEAD ASSTT. OF STATISTICS

Office of Director of Land Records, Punjab,

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fasl Rabi

Canals.		Water distributed during March 1918. Depth in Canal at regulating gauge.		Gross consumption, cubic feet per second.	
		Authorized maximum gauge.	Actual throughout March 1918.	Authorized full supply.	Actual average throughout March 1918.
1		2	3	4	5
	MAJOR IRRIGATION WORKS.				
Western Jumna Canal	At Dádupur	4·50	2·75	6,430	3,001
	Main Line, Major Distributaries	...	...	530	213
	Ditto Escapes	...	...	...	...
	Sirsa Branch	8·9	3·50	1,790	727
	Delhi Branch	8·2	3·58	1,725	666
	Hánsi Branch	8·70	5·06	2,190	1,014
	Loss in Main Line	...	...	...	374
	Total ...	...	...	...	3,0[illegible]
	Deduct Escapage	...	...	...	16
	Net utilized ...	...	...	...	2,9[illegible]
Sirhind Canal.	Main Line	12·0	7·90	8,500	4,[illegible]
	Abohar Branch	8·0	5·59	3,155	2,00[illegible]
	Bhatinda "	7·1	3·63	2,306	9[illegible]
	Feeders	11·0	5·25	3,080	1,[illegible]
	Loss in Main Line	...	...	...	3[illegible]
	Total ...	...	...	...	4,[illegible]
	Deduct British Escapes	...	...	...	[illegible]
	Net utilized ...	...	...	...	4,[illegible]
Upper Bari Doab Canal.	Head Gauge, Rapid No. 2	4·42	2·74	4,800	2,[illegible]
	Salampur Feeder	4·70	...	1,900	...
	Total entering Canal ...	...	...	6,700	2,[illegible]
	Kasúr Branch at Malliani Fall	3·42	1·61	740	1[illegible]
	Sohrán Branch at Sathiáli Fall	6·00	0·81	822	1[illegible]
	Main Line and Main Branch, Upper Distributaries ...	...	...	...	[illegible]
	Main Branch, Lower	4·98	2·73	2,559	1,2[illegible]
	Lahore Branch	3·25	1·30	1,225	4[illegible]
	Absorption	...	...	...	4[illegible]
	Total ...	...	...	...	2,4[illegible]
	Deduct Escapage	...	...	...	17[illegible]
	Net utilized ...	...	...	...	2,[illegible]

PUNJAB, IRRIGATION BRANCH.

of 1917-18 up to 31st March 1918.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* March 1918.	Area irrigated *to end of* March 1918.	Area irrigated *to end of* March 1917.	
6	7	8	9	10	11	12	13	14	15
Ambála ...	1,196		0·62	0·65	Wheat ...	19,844	167,169	226,561	The canal was in flow throughout the month.
Karnál ...	126,163		0·31	0·25	Barley ...	1,440	8,751	14,343	
Rohtak ...	128,611		0·34	0·31	Mixed grain ...	3,352	24,084	51,337	
Delhi ...	15,911	40	0·36	0·15	Sarson ...	— 35	1,257	8,518	
Hissar ...	81,033		0·28	0·24	Gram ...	8,783	26,781	87,493	
Jínd ...	34,448		0·35	0·25	Senji ...	16	461	447	
Bikáner ...	148	20	0·40	0·23	Miscellaneous	23,601	108,937	81,310	
Kalsia ...	816	...	...	...	Sugarcane* ...	...	85,405	61,918	
Patiála ...	34,519	26	0·42	0·08					
...	422,845	...	...	...	...	†56,401	† 422,845	† 531,925	
Ludhiána ...	19,291		1·31	2·38	Wheat ...	64,543	246,493	392,880	The canal was in flow throughout the month.
Ferozepore ...	224,834		0·51	1·23	Barley ...	8,555	39,708	138,226	
Hissar ...	509		...	...	Mixed grain ...	1,617	3,760	13,110	
Farídkot State	40,643	34	...	...	Sarson ...	556	1,651	8,724	
Patiála State ...	188,671				Gram ...	5,894	50,873	178,794	
Nábha State ...	35,386		0·73	1·32	Senji ...	3,396	25,587	41,485	
Jínd State ...	15,914				Miscellaneous	−3,087	149,273	101,507	
Kalsia State ...	1,658		...	...	Sugarcane* ...	...	9,554	5,589	
...	526,899	...	...	...	...	‡81,474	‡ 526,899	‡ 880,313	
Gurdáspur ...	37,037		1·47	4·38	Wheat ...	17,979	190,928	234,701	The canal was in flow for 29 days during the month.
Amritsar ...	180,086	38	1·04	2·23	Barley ...	1,121	5,864	5,620	
Lahore ...	393,641		0·75	2·20	Mixed grain ...	14,104	127,552	123,534	
Montgomery ...	1,231	...	...	...	Sarson ...	575	2,9[illegible]5	3,830	
					Gram ...	6,704	82,302	69,287	
					Senji ...	11,220	85,546	84,2[illegible]2	
					Miscellaneous	−3,934	70,826	101,202	
					Sugarcane* ...	...	46,192	41,649	
...	611,995	...	...	...	...	47,779	§611,995	664,045	

* Sugarcane being irrigated in both seasons, the area sown in the previous *kharif* is now included in the *rabi* statement.

† Includes the following areas irrigated in the Native States of Patiála and Jínd :—

	During March 1918.	*To end of* March 1918.	*To end of* March 1917.
Patiála State, Sirsa Branch	2,825 acres.	34,519 acres.	48,078 acres.
Jínd State, Hánsi Branch	5,032 "	34,448 "	40,234 "

‡ Includes the following areas irrigated by the Native States Branches :—

	During March 1918.	*To end of* March 1918.	*To end of* March 1917.
Patiála State	24,295 acres.	157,047 acres.	271,666 acres.
Nábha State	2,375 "	20,129 "	27,599 "
Jínd State	3,632 "	15,077 "	22,321 "
Total	30,302	192,253	321,586 "

Irrigation Operations of Past Rabi

Canals.		Water distributed during March 1918. Depth in Canal at regulating gauge. Authorized maximum gauge.	Actual throughout March 1918.	Gross consumption, cubic feet, per second. Authorized full supply.	Actual average throughout March 1918.
1		2	3	4	5
	MAJOR IRRIGATION WORKS—continued.				
Lower Bari Doab Canal.	Supply at head Balloki ...	9·6	4·56	6,750	3,646
	Add—Share of loss by absorption in Main Line, Upper and Lower, Upper Chenab Canal, debitable to Lower Bari Doab Canal.	...	...	...	189
	Total ...	...	...	...	3,835
	Deduct Escapage ...	...	...	...	70
	Net utilized ...	...	...	...	3,765
Upper Chenab Canal.	Main Line, Upper, at R.D. 83,500 feet (Sambriál) ...	11·77	7·21	11,742	5,200
	Main Line, Lower, at Bambanwála ...	...	...	...	5,001
	Nokhar Branch ...	...	...	...	...
	Raya Branch ...	...	...	...	...
	Loss by absorption ...	...	...	...	199
	Total	...	...	...	5,200
	Deduct—Passed on to River Ravi ... 4,161	...	...	...	4,350
	" Share of loss by absorption in Main Line, debitable to Lower Bari Doab Canal. 189				
	" Escapage ...	...	...	...	...
	Net utilized ...	...	...	...	850
Lower Chenab Canal.	Main Line ...	11·6	9·78	10,730	7,696
	Kot Nikka Branch ...	4·3	2·3	307	83
	Mián Ali " ...	9·0	7·93	574	492
	Rakh " ...	5·7	6·78	1,113	904
	Jhang Branch { Upper ...	9·0	6·67	2,942	707
	Jhang Branch { Lower ...	7·0	5·[illegible]	1.244	901
	Bhawána Branch ...	6·0	4·82	422	308
	Gugera Branch (including Burála Branch) ...	10·0	8·52	4,636	3,956
	Distributaries of Main Line ...	...	...	590	47
	Loss in Main Line ...	...	...	268	298
	Total ...	...	...	...	7,696
	Deduct Escapage ...	...	...	...	53
	Net utilized ...	...	...	...	7,643
Upper Jhelum Canal.	Jaggu at R. D. 128,000 feet, Main Line ...	9·6	7·43	8,280	5,653
	(a) Gujrat Branch ...	6·2	2·93	1,728	745
	(b) Main Line Distributaries ...				135
	(c) Loss by absorption ([illegible] per cent. of (a) + (b))	...	...	...	88
	Passed on to River Chenab at R. D. 418,500 feet, Main Line	...	...	...	4,685
	Total	...	...	...	5,653
	Deduct Escapage ...	...	...	...	...
	Net utilized (a) + (b) + (c) ...	...	...	...	968
Lower Jhelum Canal.	Main Line ...	8·9	7·7	3,750	3,285
	Northern Branch ...	7·0	5·57	1,750	1,509
	Southern Branch ...	5·5	5·87	1,274	1,235
	Southern Feeder ...	5·7	5·32	390	299
	Main Line Distributaries ...	...	...	...	171
	Loss in Main Line ...	...	...	...	71
	Total ...	...	...	...	3,285
	Deduct Escapage ...	...	...	...	9
	Net utilized ...	...	...	...	3,276

of 1917-18 up to 31st March 1918—continued.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* March 1918.	Area irrigated *to end of* March 1918.	Area irrigated *to end of* March 1917.	
6	7	8	9	10	11	12	13	14	15
Lahore ...	1,537	Not	reported.		Wheat ...	1,010	204,995	155,590	The canal was in flow for 26 days during the month.
Montgomery...	248,326				Barley ...	20	4,665	3,592	
Multán ...	90,471				Mixed grain ...	49	2,422	853	
					Sarson and toria	...	22,996	29,796	
					Gram ...	23	8,012	6,174	
					Senji ...	226	5,588	3,794	
					Miscellaneous	505	83,796	69,683	
					Sugarcane* ...	..	7,860	2,809	
...	340,334	...	...	...	...	1,833	340,334	272,291	
Lahore ...	768	Not	reported.		Wheat ...	3,744	71,152	75,298	The canal was in flow for 28 days during the month.
Gujránwála ...	126,071				Barley ...	101	1,843	2,720	
Siálkot ...	4,442				Mixed grain ...	281	2,825	3,015	
Lyallpur	16,802				Sarson and toria	101	9,641	7,854	
Sugarcane.	6,791				Gram ...	374	6,69	8,902	
					Senji ...	166	6,997	6,952	
					Miscellaneous	1,388	49,006	50,752	
					Sugarcane* ...	...	6,791	7,749	
...	154,874	...	...	..	...	6,155	154,874	163,242	
Gujránwála ...	292,542	29	0·79	2·36	Wheat ...	4,746	913,741	916,856	The canal was in flow throughout the month.
Jhang ...	204,481	30	0·51	1·30	Barley ...	91	15,267	15,700	
Lyallpur ...	1,057,991	13	0·56	·97	Mixed grain ...	244	30,104	22,431	
Area under sugarcane.	67,438	...	...	...	Sarson and toria	463	215,738	233,409	
					Gram ...	6,163	101,946	91,980	
					Senji ...	4,181	108,491	109,705	
					Miscellaneous	4,333	166,264	185,020	
					Sugarcane*	...	67,438	62,422	
					Gram and toria	...	3,463	...	
...	1,622,452	...	...	...	...	20,221	1,622,452	1,637,523	
Shahpur ...	780	...	...	..	Wheat ...	4,065	80,648	62,617	The canal was in flow for 22 days during the month.
Gujrát ...	112,665	...			Barley ..	91	1,884	1,362	
Area under sugarcane.	2,517	...	...	...	Mixed grain...	—51	3,418	2,490	
					Sarson and toria	88	13,108	5,412	
					Gram ...	74	1,139	471	
					Senji ...	24	408	367	
					Miscellaneous	745	12,842	5,336	
					Sugarcane* ...	...	2,517	244	
...	115,962	...	...	..	...	5,036	115,962	78,299	
Shahpur ...	461,336	15	1·09	3·24	Wheat ...	963	329,085	335,494	The canal was in flow for 21 days during the month.
Jhang ...	84,724	15	0·63	1·72	Barley ...	60	10,884	11,369	
Gujrát ...	7,339	...	...	...	Mixed grain...	...	...	...	
					Sarson and toria	...	63,169	70,580	
					Gram	177	7,780	7,408	
					Senji ...	682	11,906	11,564	
					Miscellaneous	2,507	122,329	132,853	
					Sugarcane* ...	...	8,246	6,109	
...	553,399	...	...	...	...	4,389	553,399	575,377	

* Sugarcane being irrigated in both seasons, the area sown and irrigated in the previous *kharif* is now included in the *rabi* statement.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during March 1918.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Authorized maximum gauge.	Actual throughout March 1918.	Authorized full supply.	Actual average throughout March 1918.
1	2	3	4	5
MAJOR IRRIGATION WORKS—CONCLUDED.				
Upper Sutlej Inundation Canals. — Lower Sohág and Pára Canal	7·0	...	1,420	...
Upper Sutlej Inundation Canals. — Katora Canal	7·0	...	685	...
Upper Sutlej Inundation Canals. — Khánwáh Canal	7·0	...	1,290	...
Upper Sutlej Inundation Canals. — Upper Sohág Canal	7·0	...	1,540	...
Total ...	...	...	...	...
Sidhnai Canal	7·0	3·9	1,820	390
Subsidiary Canals	12·3	4·8	540	176
Total ...	...	...	...	...
Indus Inundation Canals	...	...	...	...
Total ...	...	...	...	...
Abstract—Major Irrigation Works—				
Western Jumna Canal	...	...	...	...
Sirhind Canal	...	...	...	...
Upper Bari Doab Canal	...	...	...	...
Lower Bari Doab Canal	...	...	...	...
Upper Chenab Canal	...	...	...	...
Lower Chenab Canal	...	...	...	...
Upper Jhelum Canal	...	...	...	...
Lower Jhelum Canal	...	...	...	...
Upper Sutlej Inundation Canals	...	...	...	...
Sidhnai Canal	...	...	...	...
Indus Inundation Canals	...	...	...	...
Total ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Shahpur Canals (Imperial). — Eastern Station Canal	6·0	...	350	...
Shahpur Canals (Imperial). — Western Station Canal	6·0	...	200	...
Shahpur Canals (Imperial). — Sáhiwál Canal	8·0	...	550	...
Total ...	...	...	...	...

of 1917-18 up to 31st March 1918—continued.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* March 1918.	Area irrigated *to end of* March. 1918.	Area irrigated *to end of* March 1917.	Remarks.
6	7	8	9	10	11	12	13	14	15
Montgomery ...	244,544	24	0·33	1·04	Wheat ...	12,721	95,178	50,981	
Lahore ...	48,890		0·59	2·22	Barley ...	10	1,878	902	
					Mixed grain ...	7,687	69,907	49,563	
					Sarson	...	460	70	
					Gram ...	1,497	43,153	28,588	
					Senji ...	...	42	94	
					Miscellaneous	...	65,818	28,470	
					Total ...	21,915	276,436	158,668	
					Palever ...	...	16,998	12,348	
...	293,434	...	...	...	Grand Total ...	21,915	293,434	171,016	
Multán ...	188,996	56	0·78	...	Wheat ...	16,524	120,632	111,674	
					Barley ...	752	3,529	4,817	
					Mixed grain ...	52	1,580	35	
					Sarson ...	1,968	4,254	4,705	
					Gram ...	5,523	22,556	18,543	
					Senji ...	1,109	1,638	482	
					Miscellaneous	—20,451	34,728	31,850	
					Sugarcane* ...	...	79	57	
...	188,996	...	...	...	...	5,477	188,996	172,163	
D. G. Khan ...	63,168	10	0·41	1·03	Wheat ...	...	63,168	91,474	
					Barley ...				
					Mixed grain ...				
					Sarson				
					Gram				
					Senji ...				
					Miscellaneous				
					Sugarcane* ...				
...	63,168	...	...	...	...	...	63,168	91,474	
...	422,845	...	...	...	...	56,401	422,845	531,925	
...	526,899	...	...	...	...	81,474	526,899	880,313	
...	611,995	...	...	...	...	47,779	611,995	664,045	
...	340 334	...	...		...	1,833	340,334	272,291	
...	154,874	...	...		...	6,155	154,874	163,242	
...	1,622,452	...	...	...	...	20,221	1,622,452	1,637,523	
...	115,962	...	...	...	...	5,036	115,962	78,299	
...	553,399	...	.	...	...	4,389	553 399	575,377	
...	293,434	...	...	...	...	21,915	293,434	171,016	
...	188,996	...	...	...	...	5,477	188,996	172,163	
...	63,168	...	...	...	...	...	63,168	91,474	
..	4,894,358	...	..		...	250,680	4,894,358	5,237,668	
Shahpur ...	32,592	28	1·07	4·48	Wheat ...	...	13,885	20,000	
					Barley ...	...	577	305	
					Mixed grain ...	...	...	...	
					Sarson ...	...	...	...	
					Gram ...	...	7,189	3,200	
					Senji ...	...	...	...	
					Miscellaneous	...	4,155	4,500	
					Total ...	..	25,806	28,005	
					Palever ...	...	6,786	...	
...	32,592	...	...	...	Grand total ...	...	32,592	28,005	

*Sugarcane being irrigated in both seasons, the area sown and irrigated in the previous *kharif* is now included in the *rabi* statement.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during March 1918. — Depth in Canal at regulating gauge. — Authorized maximum gauge.	Actual throughout March 1918.	Gross consumption, cubic feet per second. — Authorized full supply.	Actual average throughout March 1918.
1	2	3	4	5
MINOR IRRIGATION WORKS—CONCLUDED.				
Lower Sutlej Inundation Canals	...	...	...	...
Chenab Inundation Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals. — Northern Canal Head	7·0	...	790	...
Southern "	6·5	...	520	...
Minor Channels	...	...	100	...
Total utilized ...	...	...	1,410	...
Bikáner Border.				
Northern Canal	6·0	...	235	...
Southern "	5·0	...	316	...
Total Bikaner ...	...	...	551	...
Utilised in British Territory	...	...	859	...
Total ...	...	...	1,410	...
Abstract—Minor Irrigation Works—				
Shahpur Canals (Imperial)	...	...	...	...
Lower Sutlej Inundation Canals	...	...	...	...
Chenab Inundation Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals	...	...	...	...
Total ...	...	...	...	...
Shahpur Canals (Provincial). — Western Feeder, Raniwah Canal	7·0	...	520	...
Eastern " "	7·0	...	300	...
Corbynwah Canal " "	5·0	...	112	...
Total ...	...	...	...	...
Total Major Irrigation Works ...	...	...	...	...
Total Minor Irrigation Works ...	...	...	...	...
Total Major and Minor Irrigation Works (Imperial)	...	...	...	...
Shahpur Inundation Canals (Provincial)	...	...	...	...
Grand Total	...	...	...	...

Lahore:
The 1st May 1918.

of 1917-18 up to 31st March 1918—concluded.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* March 1918.	Area irrigated *to end of* March 1918.	Area irrigated *to end of* March 1917.	
6	7	8	9	10	11	12	13	14	15
} Multán ...	{ 256,274	56	0·56	0·90	...	...	256,274	231,088	
	{ 133,105	56	0·75	2·41	...	...	133,105	124,085	
Muzaffargarh	255,231	5	0·74	4·02	...	...	255,231	234,857	
Hissar ...	12,122	...	...	...	Wheat ...	...	5,276	7,930	
Bikáner State	5,804	...		...	Barley ...	...	1,841	2,053	
					Mixed grain ...	...	2,185	7,332	
					Sarson ...	...	280	680	
					Gram ...		3,983	7,235	
					Senji ...		...	...	
					Miscellaneous	...	1,385	1,682	
					Total ...	...	14,950	26,912	
					Palever not yet sown with a crop.	...	2,976	4,710	
...	17,926	...	...	...	Grand Total ...	...	17,926	31,622	
...	32,592	...	...	...	...	...	32,592	28,005	
...	256,274	...	...	...	...	...	256,274	231,088	
...	133,105	...	...	...	...	...	133,105	124,085	
...	255,231	...	...	...	...	...	255,231	234,857	
...	17,926	...	...	...	...	...	17,926	31,622	
...	695,128	...	...	...	...	...	695,128	649,657	
} Shahpur ...	11,978	28	1·07	4·48	Wheat ...	...	6,447	...	
					Barley ...	...	10	...	
					Mixed grain ...	...	...	...	
					Sarson ...	...	...	...	
					Gram ...	...	1,999		
					Senji ...	...	...	...	
					Miscellaneous	...	1,647	...	
					Total ...	...	10,103	...	
					Palever ...	...	1,875	12,981	
...	11,978	...	...	...	Grand Total ...	...	11,978	12,981	
...	4,894,358	...	...		...	250,680	4,894,358	5,237,668	
...	695,128	...	...	...	...	...	695,128	649,657	
...	5,589,486	...	...	...	...	250,680	5,589,486	5,887,325	
...	11,978	...	...	...	...	...	11,978	12,981	
...	5,601,464	...	...	...	...	250,680	5,601,464	5,900,306	

A. SAM. CORRIGAN,
Assistant Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 20th April 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	11	3	14	14	6	8	..	1	...	4	...	2	...	7	1	3	4	43	43	
2		Hánsi ...	14,576	8	8	16	92	46	46	..	...	75	1	1	4	..	11	4	5	9	57	329	
3		Bhiwáni ...	31,100	7	4	11	133	61	72	...	...	115	4	...	2	...	12	5	4	9	18	224	
4		Sirsa ...	14,629	2	5	7	11	7	4	..	...	...	4	..	5	...	2	...	...	...	25	39	
5	Rohtak ...	Rohtak ...	19,862	7	7	14	18	8	10	...	...	...	6	1	5	..	6	1	3	4	37	48	
6		Jhajjar ...	10,617	6	4	10	14	7	7	...	1	3	3	1	3	...	3	1	2	3	49	69	
7		Sonepat ...	12,014	12	4	16	6	2	4	...	...	...	3	...	...	...	3	2	...	2	69	26	
8	Gurgaon ...	Rewári ...	24,730	7	8	15	89	48	41	...	...	61	6	5	9	...	8	2	...	2	32	187	
9	Karnál ...	Karnál ...	21,018	8	11	19	14	7	7	...	..	...	5	2	5	...	2	2	3	5	47	34	
10		Kaithal ...	12,912	5	4	9	6	2	4	...	...	...	4	...	...	...	2	1	1	2	37	24	
11		Pánipat ...	26,342	13	9	22	14	5	9	...	..	...	5	2	1	...	6	1	4	5	44	28	
12		Shahabad ...	11,054	1	2	3	11	5	6	...	...	4	...	...	1	...	6	2	1	3	14	52	
13	Ambála ...	Ambála ...	24,493	9	13	22	26	15	11		...	11	3	1	8	...	3	2	2	4	47	55	
14		Jagádhri ...	12,045	2	4	6	8	4	4	...	...	2	4	...	1	...	1	...	1	1	26	35	
15	Hoshiárpur ...	Hoshiárpur ...	16,980	5	3	8	16	8	8	...	...	2	9	...	...	...	5	1	1	2	24	49	
16	Jullundur ...	Jullundur ...	55,354	24	12	36	59	32	27	...	...	23	14	4	15		3	6	3	9	34	55	
17	Ludhiána ...	Ludhiána ...	43,152	15	17	32	66	34	32	...	...	29	16	2	8	...	11	4	8	12	39	80	
18		Jagráon ...	15,039	2	6	8	60	29	31	...	...	49	2	...	1	..	8	1	2	3	28	209	
19	Ferozepore ...	Ferozepore ...	24,678	7	4	11	7	7	...	1	...	1	4	...	...	...	1	2	...	2	23	15	
20		Fázilka ...	10,985	4	1	5	33	16	17	...	...	27	1	2	...	...	3	...	1	1	24	157	
21	Lahore ...	Lahore ...	210,271	65	56	121	135	70	65	...	...	7	72	9	26	5	16	9	10	19	30	33	
22		Kasúr ...	24,783	11	3	14	58	28	30	...		48	1	1	2	...	6	2	4	6	29	122	
23	Amritsar ...	Amritsar ...	151,339	43	50	93	195	92	103	...	...	39	73	9	51	1	22	14	23	37	32	67	
24	Gurdáspur ...	Batála ...	26,430	2	7	9	18	11	7	...	..	7	2	2	5	...	2	3	1	4	18	36	
25	Siálkot ...	Siálkot ...	48,595	19	23	42	33	19	14	..	...	...	14	...	9	...	10	6	4	10	45	35	
26	Gujránwála	Gujránwála ...	28,687	11	6	17	17	10	7	...	...	...	13	...	3	...	1	1	1	2	31	31	
27		Wazírabad ...	17,146	9	3	12	11	8	3	...	...	...	10	...	1	...	...	2	...	2	36	33	
28	Gujrát ...	Gujrát ...	18,692	4	8	12	7	4	3	...	...	1	2	...	1	...	3	3	2	5	34	20	
29		Jalálpur ...	11,615	7	3	10	7	3	4	...	...	...	4	...	2	...	1	1	1	2	45	31	

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	8	5	13	8	4	4	...	...	1	2	1	2	...	2	1	1	2	44	27	30
31		Khusháb ...	10,159	2	3	5	3	2	1	...	...	...	...	1	1	...	1	...	...	...	26	15	31
32	Jhelum ...	Jhelum ...	12,298	5	4	9	8	4	4	...	...	2	1	...	1	...	4	2	...	2	38	34	32
33		Pind Dádan Khan	10,590	1	2	3	59	27	32	...	...	59	...	...	...	...	...	1	2	3	15	291	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	22	17	39	35	15	20	...	...	1	12	3	7	4	8	4	6	10	44	39	34
35	Lyallpur ...	Lyallpur ...	19,578	9	6	15	9	4	5	...	...	...	6	...	2	...	1	1	1	2	40	24	35
36	Jhang ...	Jhang-Maghiána	25,914	10	9	19	25	10	15	...	...	3	7	2	1	...	12	2	3	5	38	50	36
37		Chiniot ...	14,085	12	2	14	5	3	2	...	...	...	2	...	...	...	3	2	1	3	51	18	37
38	Multán ...	Multán ...	85,747	18	14	32	404	219	185	...	...	250	112	3	7	...	32	9	5	14	19	246	38
	Grand Total	...	1,196,515	413	350	763	1,734	882	852	1	2	820	431	52	191	10	227	101	109	210	33	76	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	5	3	8	7	6	1	...	...	...	1	...	4	...	2	2	...	2	22	19	
	Dharmsála	... ...	2,518	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	
	Dalhousie ..	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 20th April 1918 there were 763 births registered in the 38 large municipal towns (413 males and 350 females), giving a birth rate of 33 *per mille* of population, and 1,734 deaths were registered (882 males and 852 females), giving a death rate of 76 *per mille* of population. The death rates registered in the three largest towns were as follows:—Lahore 33 against 38 in the corresponding week of the previous year, Amritsar 67 against 27 and Multán 246 against 28.

There were 250 deaths registered from plague in Multán, 115 in Bhiwáni, 75 in Hánsi, 61 in Rewári, 59 in Pind Dádan Khan, 49 in Jagráon, 48 in Kasúr, 39 in Amritsar, 29 in Ludhiána, 27 in Fázilka, 23 in Jullundur, 11 in Ambála, 7 each in Lahore and Batála, 4 in Shahabad, 3 each in Jhajjar and Jhang-Maghiána, 2 each in Jagádhri, Hoshiárpur and Jhelum and 1 each in Ferozepore, Gujrát, Bhera and Ráwalpindi. Of the 2 deaths from small-pox, 1 each was registered in Hissar and Jhajjar. Only one death was recorded from cholera in Ferozepore.

Sanitary Commissioner's Office,
Lahore:
The 30th April 1918.

W. H. MILLS, Supdt.,
for Sanitary Commissioner, Punjab.

274 PGG—640—3-5-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 19.] LAHORE, FRIDAY, MAY 10, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 7th May 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (*a*) Drinking. (*b*) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
1	Hissár ...	...	1. Sufficient ... 2. (*b*) Water sufficient in perennial canals. 3. Good.	Wheat, 9 ... Gram, 15. Bajra, 10½. Bejhar, 15¼. Prices between normal and warning rates.	Standing crops average; wheat, barley and gram being harvested. Yield average.	—
2	Rohtak ...	...	1. Sufficient ... 2. (*a*) Do. (*b*) Do. 3. Generally good.	Wheat, 10 ... Gram, 13½. Barley, 14½. Jowar, 13½. Bajra, 10. Prices between normal and warning rates.	Condition of extra spring crops good. Harvesting of wheat, barley and gram in progress. Yield average to good.	Sowings of sugar-cane and irrigated cotton continue and are normal.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 10 to 12 ... Barley, 13 to 16. Gram, 13$\frac{3}{4}$ to 15$\frac{3}{4}$. Jowar, 6 to 12$\frac{1}{2}$. Bajra, 8$\frac{3}{4}$ to 16. Prices generally between normal and warning rates.	Harvesting of spring crops completed. Yield below average. Standing extra spring crop good.	...
4	Ambála ...	...	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Good.	Wheat, 10$\frac{5}{8}$ ... Gram, 11$\frac{1}{8}$. Barley, 14. Maize, 13. Bajra, 9$\frac{3}{4}$. Prices generally between normal and warning rates.	Threshing of spring crops continues. Yield below average. Condition of extra spring crops good.	Condition of sugarcane good.
5	Jullundur ...	...	1. Inadequate ... 2. (a) Sufficient. 3. Generally good.	Wheat, 11 ... Barley, 14. Gram, 12. Maize, 11. Prices generally between normal and warning rates.	Standing extra spring crops good. Threshing of spring crops continues. Yield average on irrigated area and below average on unirrigated area.	Sowings of sugarcane and cotton continue and are normal.
6	Ferozepore ...	...	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 10 ... Gram, 12. Prices between normal and warning rates.	Harvesting of spring crops almost finished. Condition of extra spring crops satisfactory.	...
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 8$\frac{3}{4}$ ... Gram, 12$\frac{1}{2}$. Prices between warning and scarcity rates.	Standing irrigated crops average and unirrigated below average. Harvesting of wheat and gram continues. Yield average on irrigated area and below average on unirrigated area.	Sowings of cotton, fodder, etc., continue and are above normal.
8	Amritsar ...	0·14 at Ajnala ...	1. Sufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Good.	Wheat, 10 ... Barley, 14$\frac{1}{2}$. Gram, 11$\frac{1}{2}$. Maize, 10$\frac{1}{4}$. Jowar, 6$\frac{1}{2}$. Bajra, 9$\frac{3}{8}$. Prices generally between warning and scarcity rates.	Standing crops good. Wheat and gram being reaped. Yield below normal.	Sowings of cotton and fodder continue and are normal.
9	Siálkot ...	0·28 at Raya ...	1. Insufficient ... 2. (a) Sufficient. (b) Canal closed. 3 Average.	Wheat, 9 to 10 ... Barley, 13 to 14. Gram, 10 to 10$\frac{1}{2}$. Prices between normal and scarcity rates.	Standing irrigated crops average and unirrigated below average. Yield of gram average and of wheat and barley below average.	Sowings continue and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Canals flowing; supply sufficient. 3. Good.	Wheat, 9¼ to 10½ ... Gram, 11 to 13½. Bajra, 10 to 12½. Maize, 8½ to 11. Prices between normal and scarcity rates.	Standing crops average. Reaping of wheat and gram continues. Yield normal.	Sowings of cotton continue to normal extent. Germination fair.
11	Ráwalpindi ...	0·26 at Murree ...	1. Sufficient ... 3. Good.	Wheat, 6¾ ... Barley, 10¾ Gram, 10. Maize, 10¾. Bajra, 10¾. Jowar, 6½. Prices between warning and scarcity rates or at above scarcity rates.	Standing crops good. Harvesting of wheat, barley and gram continues. Yield of oilseeds below average and of other crops above average.	Sowings of jowar commenced and are below normal.
12	Miánwáli ...	...	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Good.	Wheat, 8¼ ... Gram, 12. Bajra, 10½. Jowar, 7. Prices generally between warning and scarcity rates.	Standing irrigated crops above average and unirrigated average. Harvesting of wheat and gram continues. Yield above normal on irrigated area and normal on unirrigated area.	Sowings of extra spring crops continue and are normal.
13	Lyallpur ...	...	1. Dry fodder sufficient 2. (b) Satisfactory. 3. Generally good.	Wheat, 9½ ... Gram, 12¼. Prices between warning and scarcity rates.	Harvesting of wheat and gram continues. Yield above normal.	Sowings of cotton continue and are above normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing; water sufficient. 3. Generally good.	Wheat, 10 ... Gram, 11½. Bajra, 10. Barley, 14. Jowar 7. Prices between normal and scarcity rates.	Standing extra spring crops average. Harvesting of barley, gram and rapeseed completed and of wheat continues. Yield normal.	Sowings of rice, cotton, fodder, &c., continue and are normal.

GENERAL REMARKS.

WEATHER dry. Condition of standing irrigated crops is generally good and of unirrigated crops average. Wheat and other spring crops are being harvested. Yield normal to good on irrigated area and below normal to normal on unirrigated area. Sowings of extra spring crops completed and of cotton and other autumn crops continue and are generally normal. Germination good. Cattle are healthy and fodder is sufficient except in a few central districts. Prices are generally stationary and range between warning and scarcity rates, except in the south-east where they are between normal and warning rates. Prices of wheat :—Ráwalpindi 6¾, Lahore 8½, Lyallpur 9½, Ferozepore 10, and Ambála 10¼ seers per rupee.

RAHIM BAKHSH,

Director of Land Records, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 27th April 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	17,162	6	6	12	20	15	5	..	1	1	6	...	3	...	9	6	2	8	36	61
2		Hánsi ...	14,576	12	7	19	100	52	48	...	...	85	6	...	...	...	9	3	...	3	68	357
3		Bhiwáni ...	31,100	10	7	17	139	65	74	...	3	117	3	1	1	...	14	4	7	11	29	234
4		Sirsa ...	14,629	11	2	13	4	3	1	..	...	...	2	...	...	...	2	...	1	1	46	14
5	Rohtak ...	Rohtak ...	19,862	3	11	14	20	13	7	...	...	...	11	2	2	..	5	2	2	4	37	53
6		Jhajjar ...	10,617	5	6	11	22	9	13	...	3	10	4	1	...	...	4	1	2	3	54	108
7		Sonepat ...	12,014	9	3	12	13	8	5	...	...	...	5	1	...	...	7	3	3	6	52	56
8	Gurgaon ...	Rewári ...	24,780	9	9	18	107	56	51	...	...	74	4	5	9	...	15	3	2	5	38	225
9	Karnál ...	Karnál ...	21,018	11	14	25	12	7	5	...	...	1	5	1	1	...	4	2	...	2	62	30
10		Kaithal ...	12,912	5	11	16	5	3	2	...	...	...	2	...	...	...	3	2	...	2	65	20
11		Pánipat ...	26,342	19	14	33	13	6	7	...	3	...	6	...	1	...	3	1	2	3	65	26
12		Shahabad ...	11,054	5	2	7	13	8	5	...	3	6	3	...	1	...	...	...	2	2	33	62
13	Ambála ...	Ambála ...	24,493	7	6	13	24	16	8		1	10	4	...	7	...	2	...	2	2	28	51
14		Jagádhri ...	12,045	4	6	10	13	7	6	...	...	4	4	...	4	...	1	...	1	1	43	56
15	Hoshiárpur ...	Hoshiárpur ...	16,980	8	3	11	17	4	13	...	...	10	5	...	...	...	2	...	...	...	33	52
16	Jullundur ...	Jullundur ...	55,354	21	23	44	87	46	41	...	...	56	9	1	9	..	12	5	4	9	41	82
17	Ludhiána ...	Ludhiána ...	43,152	8	13	21	37	18	19	...	...	15	10	...	5	...	7	2	1	3	25	45
18		Jagráon ...	15,039	8	7	15	49	25	24	...	...	37	3	...	3	1	5	2	2	4	52	171
19	Ferozepore ...	Ferozepore ...	24,678	10	6	16	13	5	8	...	...	2	7	...	4	...	...	...	...	...	34	27
20		Fázilka ...	10,985	2	2	4	46	17	29	...	...	44	...	...	1	...	1	...	...	...	19	219
21	Lahore ...	Lahore ...	210,271	49	53	102	145	75	70	...	...	13	81	6	24	2	19	17	11	28	25	36
22		Kasúr ...	24,783	9	7	16	46	19	27	...	..	37	2	...	1	...	6	2	1	3	34	97
23	Amritsar ...	Amritsar ...	151,339	38	34	72	204	117	87	...	...	28	87	7	57	3	22	11	6	17	25	70
24	Gurdáspur ...	Batála ...	26,430	14	8	22	8	3	5	...	..	4	1	...	1	...	2	...	...	...	44	16
25	Siálkot ...	Siálkot ...	48,595	20	12	32	26	10	16	...	...	1	12	2	4	...	7	3	5	8	34	28
26	Gujránwála	Gujránwála ...	28,687	10	6	16	13	8	5	...	...	...	6	1	2	...	4	2	...	2	29	24
27		Wazírabad ...	17,146	3	4	7	5	2	3	...	...	...	4	1	...	...	...	2	...	2	21	15
28	Gujrát ...	Gujrát ...	18,692	9	7	16	7	3	4	...	...	...	3	1	1	...	2	2	2	4	45	20
29		Jalálpur ...	11,615	4	5	9	6	3	3	...	...	...	4	...	2	...	...	1	2	3	40	27

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	5	9	14	15	6	9	...	...	1	2	...	4	...	8	3	2	5	48	51	30
31		Khushâb ...	10,159	...	1	1	7	5	2	...	...	4	...	...	2	...	1	...	...	...	5	36	31
32	Jhelum ...	Jhelum ...	12,298	1	3	4	8	3	5	...	...	5	1	1	...	...	1	...	2	2	17	34	32
33		Pind Dádan Khan	10,590	...	1	1	107	51	56	...	...	106	...	...	...	...	1	...	...	...	5	527	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	10	10	20	24	14	10	...	...	...	9	...	7	1	7	1	2	3	22	27	34
35	Lyallpur ...	Lyallpur ...	19,578	1	8	9	11	9	2	...	...	1	3	1	...	...	6	1	...	1	24	29	35
36	Jhang ...	Jhang-Maghiána	25,914	9	9	18	24	13	11	...	...	11	7	2	...	...	4	3	1	4	36	48	36
37		Chiniot ...	14,085	16	5	21	8	7	1	...	...	...	4	...	...	...	4	2	1	3	77	29	37
38	Multán ...	Multan ...	85,747	11	15	26	278	156	122	...	...	236	34	...	...	...	8	4	5	9	16	169	38
		Grand Total ...	1,196,515	382	355	737	1,696	887	809	...	14	919	359	34	156	7	207	90	73	163	32	74	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	5	3	8	6	4	2	...	...	...	...	...	4	...	2	...	...	...	23	16	
	Dharmsála	... ...	2,518	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	
	Dalhousie ...	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	1	...	1	1	1	...	...	...	...	1	...	...	...	...	1	...	1	36	33	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 27th April 1918 there were 737 births registered in the 38 large municipal towns (382 males and 355 females), giving a birth rate of 32 *per mille* of population, and 1,696 deaths were registered (887 males and 809 females), giving a death rate of 74 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 36 against 37 in the corresponding week of the previous year, Amritsar 70 against 28 and Multán 169 against 27.

Of the 14 deaths from small-pox, 3 each were registered in Bhiwáni, Jhajjar, Páuipat and Shahabad and 1 each in Hissar and Ambála. There were 236 deaths reported from plague in Multán, 117 in Bhiwáni, 106 in Pind Dádan Khan, 85 in Hánsi, 74 in Rewári, 56 in Jullundur, 44 in Fázilka, 37 each in Jagráon and Kasár, 23 in Amritsar, 15 in Ludhiána, 13 in Lahore, 11 in Jhang-Maghiána, 10 each in Jhajjar, Ambála and Hoshiárpur, 6 in Shahabad, 5 in Jhelum, 4 each in Jagádhri, Batála and Khushab, 2 in Ferozepore and 1 each in Hissar, Karnál, Siálkot, Bhera and Lyallpur.

Sanitary Commissioner's Office,
Lahore :
The 7th May 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

325 PGG—340—10-5-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 20.] LAHORE, FRIDAY, MAY 17, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 14th May 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (*a*) Drinking. (*b*) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
1	Hissar ...	..	1. Sufficient ... 2. (*b*) Water sufficient in perennial canals. 3. Good.	Wheat, 9 ... Gram, 14. Bajra, 9½. Bejhar, 14¾. Prices between normal and warning rates.	Thresh'ng of rabi crops continues. Outturn normal. Extra spring crops in good condition.	...
2	Rohtak ...	...	1. Sufficient ... 2. (*b*) Scarce. 3. Fair.	Wheat, 10 ... Gram, 13½. Barley, 14½. Jowar, 12. Bajra, 10. Prices between normal and warning rates.	Standing extra spring crops in good condition. Reaping of wheat continues. Yield normal.	Sowings of irrigated sugarcane and cotton continues, and are below normal. Germination good.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Do.	Wheat, 10 to 11½... Barley, 12 to 16½. Gram, 12 to 15½. Jowar, 8 to 10. Bajra, 8 to 16. Maize, 11 to 12. Prices between normal and warning rates.	Standing extra spring crops in good condition.	...
4	Ambála ...	0·09 at Narsingarh 0·07 at Kasauli.	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Good.	Wheat, 10½ ... Gram, 11½. Barley, 14. Maize, 13. Bajra, 9½. Prices generally between normal and warning rates.	Threshing of spring crops continues. Yield below normal. Standing extra spring crops in good condition.	Condition of sugar-cane good.
5	Jullundur ...	...	1. Moderate ... 2. (a) Sufficient. 3. Generally good.	Wheat, 11 ... Gram, 12. Barley, 14 Maize, 11½. Prices generally between normal and warning rates.	Standing extra spring crops in good condition. Threshing of spring crops continues. Yield average on irrigated area and below average on unirrigated area.	Sowings of cane and cotton continue, and are normal.
6	Ferozepore ...	...	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 10 ... Gram, 12. Prices between normal and warning rates.	Threshing of spring crops continues. Condition of extra spring crops satisfactory.	...
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 9½ ... Gram, 12½. Prices between normal and warning rates.	Harvesting of wheat and gram continues. Yield average on irrigated area and below average on unirrigated area.	Standing crops in average condition. Sowings of cotton, fodder, etc., continue and are normal on irrigated and below normal on unirrigated area.
8	Amritsar ...	...	1. Sufficient ... 2. (b) Canals working by rotation; supply sufficient. 3. Good.	Wheat, 10 ... Barley, 14½. Gram, 11½. Maize, 10½. Jowar, 6½. Bajra, 9½. Prices generally between warning and scarcity rates.	Standing crops good. Reaping of wheat continues. Yield below normal.	Sowings of irrigated cotton and fodder continue and are normal.
9	Siálkot ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Good.	Wheat, 9 to 10 ... Barley, 14 to 14½. Gram, 11½ to 11½. Price of wheat between normal and scarcity rate and of other food-grains between normal and warning rates.	Standing crops average. Yield of barley and gram normal and of wheat below normal.	Sowings of kharif crops continue, and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Canals flowing; supply sufficient. 3. Good.	Wheat, 9½ to 10¾ ... Gram, 11½ to 14. Bajra, 11½ to 12½. Maize, 8½ to 11. Price of maize between warning and scarcity rate, and of other food-grains between normal and warning rates.	Standing crops average. Reaping of wheat and gram continues. Yield normal.	Sowings of cotton continue to normal extent. Germination fair.
11	Ráwalpindi ...	...	1. Sufficient ... 3. Good.	Wheat, 7 ... Barley, 11¼ Gram, 10 Maize, 10¾. Bajra, 10¾. Jowar, 6½. Prices between normal and scarcity rates or below scarcity rates.	Threshing of wheat commenced. Outturn average.	Sowings of potatoes commenced and are normal.
12	Miánwáli ...	...	1. Procurable ... 2. (a) Do. 3. Good.	Wheat, 9 ... Gram, 13½. Bajra, 10. Jowar, 7. Prices between normal and scarcity rates.	Standing irrigated crops above average and unirrigated average. Harvesting of wheat and gram continues. Yield above normal on irrigated area and normal on unirrigated area.	Sowings of extra spring crops continue in parts and are normal.
13	Lyallpur ...	...	1. Dry fodder sufficient 2. (b) Satisfactory. 3. Generally good.	Wheat, 10 ... Gram, 12¾. Prices between normal and warning rates.	Threshing of gram finished and that of wheat continues. Yield above normal.	Sowings of cotton and fodder continue and are normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai Canal flowing; water sufficient. 3. Fair.	Wheat, 10½ ... Gram, 11¾. Bajra, 9½. Jowar 7. Barley, 14. Prices between normal and scarcity rates.	Standing extra spring crops average. Harvesting of wheat almost completed. Yield of gram, barley and rapeseed normal.	Standing crops in good condition. Sowings of cotton, fodder, etc., continue, and are normal.

GENERAL REMARKS.

WEATHER dry. Condition of standing irrigated crops is good, and of unirrigated crops average. Harvesting of wheat and other spring crops continues. Yield normal to good on irrigated area, and below normal to normal on unirrigated area. Sowings of sugarcane, cotton and other kharif crops continue, and are generally normal. Germination good. Cattle are healthy and fodder and water sufficient. Prices are generally stationary, but show a slight downward tendency. They range between normal and warning rates, except in Miánwáli, Ráwalpindi and Multán, where they are between normal and scarcity rates. Prices of wheat:—Ráwalpindi 7, Ambála 10¾, Lahore 9½, Ferozepore and Lyallpur 10, seers per rupee.

RAHIM BAKHSH,

Director of Land Records, Punjab.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE IN

1	2			3			4			5		
Districts.	*Wheat.*			*Barley.*			*Rice (best sort).*			*Rice (common).*		
	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	9 0	8 8	9 12	13 0	12 8	13 8	...	...	...	5 0	5 0	7 0
Rohtak	10 0	8 0	10 12	15 0	14 0	15 0	...	...	...	5 8	5 6	6 8
Gurgaon	10 4	8 4	10 8	15 0	13 8	15 0	...	...	...	6 0	6 0	8 0
Karnál	10 12	9 0	11 0	15 0	14 0	16 0	...	...	...	6 0	6 0	8 0
Ambála	10 4	8 8	9 10	14 8	14 0	13 4	...	...	...	7 2	7 2	8 12
Simla	8 0	7 8	7 12	9 4	9 4	10 12	...	...	...	5 0	5 0	6 8
JULLUNDUR.												
Kángra	5 8	5 8	8 0	8 0	8 0	13 0	...	...	...	7 0	7 8	8 0
Hoshiárpur	9 0	8 4	10 8	13 0	8 0	12 8	...	...	...	6 0	6 0	7 0
Jullundur	9 8	8 12	10 0	14 0	10 8	13 0	...	...	...	5 6	6 8	7 0
Ludhiána	9 8	9 0	10 4	12 8	12 8	15 0	...	...	...	6 0	6 0	6 0
Ferozepore	10 0	8 12	10 0	14 0	11 0	13 0	...	...	...	6 8	6 8	7 0
LAHORE.												
Lahore	8 8	8 0	9 4	13 0	12 0	13 0	...	...	...	5 12	6 0	8 4
Amritsar	9 8	9 0	9 12	14 0	11 0	14 12	...	...	...	6 4	6 8	8 0
Gurdáspur	7 8	7 8	11 0	10 0	10 0	13 8	...	...	...	6 8	7 0	8 0
Siálkot		6 8	10 0		13 0	13 0	...	...	...		‡	8 8
Gujránwála	8 2	8 8	10 0	16 0	16 0	14 8	...	...	...	6 4	6 8	8 12
RAWALPINDI.												
Gujrát	7 12	7 0	10 0	14 0	12 0	16 0	...	...	...	6 0	6 0	8 8
Shahpur	9 4	9 8	10 0	13 0	13 0	13 0	...	...	...	5 8	5 8	7 0
Jhelum	7 0	6 12	9 8	11 8	12 0	14 0	...	...	...	5 8	6 0	8 0
Ráwalpindi	6 12	7 8	8 12	11 4	12 0	14 0	...	...	...	6 12	6 12	8 0
Attock	7 12	7 12	9 0	12 8	12 0	14 0	...	...	...	6 8	6 8	7 0
Miánwáli	8 6	8 6	9 4	‡	‡	13 0	...	...	...	6 0	6 0	7 0
MULTAN.												
Montgomery	9 10	7 13	10 4	§	§	12 0	...	...	...	6 0	6 0	7 0
Lyallpur	9 4	9 0	9 12	12 0	12 0	14 0	...	...	...	6 8	6 8	7 0
Jhang	9 9	9 8	10 0	13 5	13 0	13 4	...	...	...	5 8	5 8	7 0
Multán	8 14	8 2	10 8	12 12	11 8	14 0	...	...	...	7 0	7 0	8 8
Muzaffargarh	8 2	8 2	10 8	12 0	11 0	12 8	...	...	...	7 8	7 8	6 8
Dera Gházi Khan ...	9 8	9 4	10 0	15 0	12 8	16 0	...	...	...	5 5	5 8	9 6

†Not produced. ‡ Not sold

NOTE.—The prices of rice as shewn in the statement are

N.B.—Variations in prices are due to fluctuations

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 30TH APRIL 1918.

THE ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			Districts.
Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
‡	‡	†	10 0	10 4	15 0	‡	‡	†	‡	‡	†	Hissar.
13 0	13 0	18 0	10 8	10 8	17 8	†	†	†	†	†	†	Rohtak.
8 0	9 0	16 0	11 0	11 8	16 0	†	†	§	†	†	§	Gurgaon.
‡	‡	†	‡	‡	†	†	†	†	§	§	†	Karnál.
9 12	9 12	17 0	9 12	9 12	13 8	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
8 12	9 4	10 0	8 4	8 4	11 8	‡	‡	†	‡	‡	†	Simla.
												JULLUNDUR.
‡	‡	†	‡	‡	†	‡	‡	†	‡	‡	†	Kángra.
§	7 0	11 0	§	7 0	12 0	†	†	†	‡	‡	†	Hoshiárpur.
5 0	6 0	13 0	9 0	6 0	13 0	†	†	†	9 0	9 0	9 0	Jullundur.
9 0	9 0	13 8	8 8	8 8	13 8	†	†	†	6 0	6 0	7 0	Ludhiána.
‡	‡	11 0	†	†	13 8	†	†	†	‡	‡	†	Ferozepore.
												LAHORE.
7 12	7 12	11 8	8 8	8 8	13 0	§	§	†	10 0	10 0	12 8	Lahore.
7 8	7 8	11 12	9 0	9 0	15 8	§	§	†	10 0	10 0	15 4	Amritsar.
6 8	6 8	12 8	§	§	†	§	§	†	8 0	7 0	8 0	Gurdáspur.
...	§	§	...	§	14 0		§	§	...	§	§	Siálkot.
7 0	6 4	§	§	§	†	§	§	†	§	§	†	Gujránwála.
												RAWALPINDI.
§	§	§	‡	9 0	14 0	‡	†	†	§	§	†	Gujrát.
6 0	6 0	10 0	12 8	12 8	15 0	§	§	†	§	§	†	Shahpur.
§	§	10 0	10 8	9 0	13 0	†	†	†	†	†	†	Jhelum.
6 4	7 0	11 4	10 12	10 8	14 0	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	11 8	11 8	12 8	‡	‡	†	‡	‡	†	Attock.
7 0	8 0	10 0	11 0	12 0	14 8	†	†	†	†	†	†	Mián áli.
												MULTAN.
5 8	6 0	10 0	§	§	12 0	§	§	†	§	§	†	Montgomery.
§	§	10 0	§	§	15 0	§	§	†	§	§	†	Lyallpur.
‡	‡	9 8	8 8	8 8	12 0	14 8	14 8	14 0	11 8	11 8	11 8	Jhang.
‡	‡	12 12	9 12	9 12	13 8	‡	‡	†	13 0	13 0	14 0	Multán.
§	§	§	§	§	§	§	§	§	§	§	§	Muzaffargarh.
5 0	5 8	13 8	8 12	9 11	15 0	‡	‡	†	‡	‡	†	Dera Ghási Khan.

§Not procurable.
...for the quality in common demand.
...in imports and exports.

396 PGG.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD-GRAINS, GUR AND COTT[...] DURING THE FORTNIG[...]

QUANTITIES PER RUPEE IN [...]

1	10			11			12			13		
	Gram, Chana, Chola, Kadalay or Sunaga (*Cicer arietinum*).			Maize (*Zea Mays*).			Arhur or Thur Cadjan Pea (*Cajanus indicus*).			Firewood.		
DISTRICTS.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	15 0	12 8	15 8	‡	‡	†	‡	‡	†	60 0	60 0	70
Rohtak	14 0	13 8	14 12	§	§	†	8 0	8 0	8 0	40 0	60 0	70
Gurgaon	14 0	13 8	15 4	11 0	11 0	13 0	9 0	9 0	8 0	60 0	60 0	60
Karnál	14 0	14 0	14 12	‡	‡	†	9 0	8 0	9 0	90 0	90 0	110
Ambála ...	12 12	12 0	14 0	13 0	13 0	15 0	7 12	7 12	8 12	85 0	85 0	100
Simla	9 4	8 12	11 0	9 4	9 4	11 0	6 4	5 4	6 4	53 0	53 0	60
JULLUNDUR.												
Kángra	6 0	6 8	7 12	7 8	8 0	11 0	4 8	4 8	5 0	80 0	80 0	80
Hoshiárpur	10 4	10 0	12 8	11 8	10 12	15 8	‡	‡	†	80 0	80 0	70
Jullundur	11 4	11 0	12 8	11 0	10 12	14 8	§	§	†	48 0	40 0	65
Ludhiána	12 0	11 0	13 0	12 0	11 8	15 8	8 8	8 8	6 0	55 0	55 0	65
Ferozepore	12 0	11 0	13 4	§	§	14 0	5 0	5 0	5 8	60 0	60 0	60
LAHORE.												
Lahore ...	12 0	10 4	13 0	8 12	8 12	13 8	6 8	6 8	7 4	40 0	40 0	40
Amritsar	10 0	9 14	12 0	10 0	9 4	13 8	7 0	7 0	8 0	50 0	50 0	65
Gurdáspur	8 0	8 0	11 8	10 0	10 8	15 0	§	§	†	60 0	60 0	60
Siálkot	..	8 8	11 0	...	§	13 0	...	§	§	...	80 0	70
Gujránwála	13 4	10 8	13 0	§	§	†	§	§	†	43 0	43 0	53
RAWALPINDI.												
Gujrát	11 0	9 0	12 0	‡	9 0	13 0	†	†	†	45 0	45 0	65
Shahpur	11 0	11 0	13 0	11 0	11 0	13 8	7 0	7 0	7 14	53 0	53 0	63
Jhelum	10 4	10 0	11 4	9 0	9 8	12 0	6 0	6 0	7 0	55 0	45 0	53
Ráwalpindi	8 4	8 8	12 0	1 12	10 12	12 0	7 8	8 4	7 0	36 0	38 0	58
Attock	9 4	9 4	12 4	12 0	12 0	11 12	5 8	5 8	5 4	46 0	46 0	61
Miánwáli	12 0	12 8	14 0	‡	‡	†	‡	‡	†	45 0	45 0	55
MULTAN.												
Montgomery	12 4	9 2	12 0	8 0	6 0	12 0	§	§	7 0	75 0	75 0	110
Lyallpur	12 0	10 0	13 4	§	§	14 0	6 0	6 0	7 0	32 0	32 0	55
Jhang	12 0	10 0	12 12	8 8	9 0	13 0	‡	‡	†	34 0	34 0	60
Multán	9 8	8 4	12 4	§	§	12 12	‡	‡	6 8	55 0	45 0	80
Muzaffargarh	8 6	8 6	11 8	6 8	§	§	§	§	§	80 0	80 0	95
Dera Gházi Khan ...	11 4	10 10	11 12	‡	‡	†	‡	‡	†	62 0	64 0	90

* No wholesale salt sold. † Not produced.

N.B.—Variations in prices are due to fluctuations [...]

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:

Lahore, dated the 6th May 1918.

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 30TH APRIL 1918—CONCLUDED.

14						15			16			1
THE ORDINARY SEER OF 80 TOLAS.												
Salt.						*Gur.*			*Cotton (unginned).*			
Present fortnight ending 30th April 1918.		Past fortnight ending 15th April 1918.		Corresponding fortnight of 30th April 1917.		Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	DISTRICTS.
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.							
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
*	19 0	*	19 0	17 0	16 0	9 0	9 0	7 4	3 0	3 0	4 0	Hissar.
16 0	16 0	16 0	16 0	17 8	15 0	10 0	10 0	8 8	2 8	2 8	5 0	Rohtak.
11 8	11 0	11 0	10 8	18 0	17 0	8 0	8 8	6 8	3 0	3 0	4 0	Gurgaon.
12 0	11 0	11 12	11 0	17 0	16 8	9 8	9 0	8 0	‡	‡	†	Karnál.
13 5	13 0	13 5	13 0	20 0	19 0	7 8	7 8	6 8	§	§	4 4	Ambála.
10 4	9 0	10 4	9 8	13 5	11 8	5 4	5 12	5 0	§	§	§	Simla.
												JULLUNDUR.
*	7 8	*	7 8	*	9 8	3 8	3 8	3 12	‡	‡	†	Kángra.
13 0	12 0	13 2	13 0	20 0	18 0	5 8	5 8	6 8	‡	‡	5 0	Hoshiárpur.
12 0	11 12	14 12	13 8	20 0	18 4	5 0	5 0	6 0	§	§	†	Jullundur.
12 8	12 0	13 0	12 8	18 0	17 8	6 8	6 8	6 0	2 0	2 8	3 8	Ludhiána.
12 0	11 8	12 0	11 8	17 0	15 0	6 0	6 0	5 8	2 4	2 6	4 0	Ferozepore.
												LAHORE.
13 8	13 4	13 8	13 4	19 0	18 0	6 8	6 8	7 0	2 8	2 8	3 12	Lahore.
13 8	12 8	14 4	13 0	12 1	19 14	6 14	6 14	8 6	2 6	2 6	4 0	Amritsar.
*	12 0	*	12 0	*	16 8	6 0	7 0	7 8	4 0	4 0	5 0	Gurdáspur.
...	...	15 0	14 0	17 0	16 0	...	6 8	7 0	...	‡	4 0	Siálkot.
13 8	13 0	14 8	14 0	20 0	19 0	7 6	7 2	8 4	§	§	4 4	Gujránwála.
												RAWALPINDI.
12 0	11 0	12 0	11 0	18 0	16 0	6 0	6 0	7 0	‡	‡	†	Gujrát.
13 5	12 0	14 0	13 0	20 0	16 0	8 0	8 0	7 0	§	§	4 2	Shahpur.
14 8	14 0	14 0	14 0	21 4	20 0	5 12	5 8	7 0	‡	‡	†	Jhelum.
14 0	13 8	14 0	13 8	20 0	19 0	6 12	6 12	7 8	§	§	†	Ráwalpindi.
21 0	20 0	21 0	20 0	15 0	14 0	6 0	7 0	6 8	3 0	4 0	5 0	Attock.
20 0	20 0	20 0	20 0	*	20 0	5 8	5 8	6 0	‡	‡	†	Miánwáli.
												MULTAN.
12 0	11 0	11 0	10 0	13 0	12 0	6 8	6 8	7 0	2 8	2 4	5 0	Montgomery.
11 0	10 0	10 0	9 8	18 0	17 8	7 8	8 0	8 4	§	§	§	Lyallpur.
11 8	10 8	11 8	10 8	15 0	13 8	6	7 0	6 10	2 10	2 3	3 8	Jhang.
14 8	14 0	14 8	14 0	17 8	16 8	6 4	6 4	7 4	2 1	2 1	4 0	Multán.
10 8	10 0	10 8	10 0	17 0	16 0	6	6 4	6 4	§	§	5 0	Muzaffargarh.
12 8	12 4	11 4	11 0	13 0	12 0	5 0	5 8	5 0	3 0	3 2	7 4	Dera Gházi Khan.

‡ Not sold

§ Not procurable.

Imports and exports.

MAHBUB SHAH, SUPDT.,
Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 56 seers as compared with 56 seers in last fortnight and 69 seers in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.	*Last fortnight.*	*This fortnight.*
		Seers.	Seers.	Seers.
Rohtak	...	70	60	40
Jullundur	...	65	40	48
Amritsar	...	65	50	50
Ráwalpindi	...	58	38	36
Montgomery	...	110	75	75

Lahori Salt.—Prices average 12 seers 9 chataks as compared with 13 seers 4 chataks in last fortnight and 16 seers 12 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
		Seers.	C.	Seers.	C.	Seers.	C.
Gurgaon	...	17	0	10	8	11	0
ul lundur	...	18	4	13	8	11	12
Amritsar	...	19	14	13	0	12	8
Ráwalpindi	...	19	0	13	8	13	8
Lyallpur	...	17	8	9	8	10	0

Gur.—Prices average 6 seers 9 chataks as compared with 6 seers 15 chataks in last fortnight and 6 seers 14 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
		Seers.	C.	Seers	C.	Seers.	C.
Rohtak	...	8	8	10	0	10	0
Jullundur	...	6	8	5	8	5	8
Amritsar	...	8	6	6	14	6	14
Jhelum	...	7	0	5	8	5	12
Lyallpur	...	8	4	8	0	7	8

Cotton, unginned.—Prices average 2 seers 11 chataks as compared with 2 seers 14 chataks in last fortnight and 4 seers 8 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
		Seers.	C.	Seers.	C.	Seers.	C.
Rohtak	...	5	0	2	8	2	8
Ferozepore	...	4	0	2	6	2	4
Amritsar	...	4	0	2	6	2	6
Attock	...	5	0	4	0	3	0
Dera Gházi Khan	...	7	4	3	2	3	0

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 30TH APRIL 1918.

Wholesale price per maund of 82⅔ lbs. or 40 seers of 80 tolas each.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Name of district.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 4 0	5 8 0	3 12 6	2 11 0	...	4 0 0	4 0 0	3 0 0	3 1 0	5 0 0	6 0 0	5 4 0	7 12 0	7 8 0	5 4 0	..
Ferozepore ...	3 1 3	5 11 6	3 13 0	2 12 3	...	...	...	...	3 3 3	7 4 6	6 10 9	...	7 4 6	7 4 3	6 2 6	53 5 3
Lahore ...	4 0 0	6 10 9	4 10 3	3 0 0	3 0 0	5 0 0	4 7 0	4 7 0	3 3 6	5 14 9	5 8 6	4 7 0	6 10 9	8 0 0	5 14 9	42 10 9
Amritsar ...	3 14 0	5 14 0	4 2 0	2 12 0	...	5 0 0	4 4 6	3 14 6	3 14 0	5 4 0	6 4 0	5 0 0	6 8 0	8 2 0	5 10 0	50 0 0
Ráwalpindi ...	...	5 11 6	5 11 6	3 7 9	...	6 2 6	3 10 3	3 10 3	4 11 3	...	4 5 3	4 11 3	...	...	5 11 6	...
Lyallpur ...	...	6 2 0	4 2 0	3 0 0	...	...	...	...	3 4 0	6 0 0	...	...	7 0 0	8 0 0	5 0 0	...
Multán ...	3 0 0	5 8 0	4 6 3	3 0 3	3 4 3	...	4 0 0	...	4 1 6	...	6 0 0	3 4 0	7 0 0	7 0 0	6 0 0	55 0 0

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	Wholesale price per maund of 82⅔ lbs. or 40 seers of 80 tolas each.															
Name of district.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow).	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	4 0 0	65 0 0	4 6 0	13 0 0	16 0 0	3 0 0	50 0 0	2 0 0	1 0 0	1 2 3	1 2 3	...	(a)4 0 0	150 0 0	100 0 0	
Ferozepore ...	4 3 3	59 8 6	5 0 0	16 0 0	16 0 0	3 5 3	...	2 3 6	...	1 0 0	...	...	...	225 0 0	143 0 0	
Lahore ...	4 1 0	64 0 0	5 11 6	16 0 0	21 5 3	2 14 0	38 0 0	2 13 9	1 0 0	1 7 0	...	1 4 0	(a)5 8 0	170 0 0	200 0 0	
Amritsar ...	3 12 0	64 0 0	4 11 0	10 0 0	16 8 0	2 15 0	41 0 0	2 4 0	...	1 6 0	...	1 12 0	(b)4 2 9	...	200 0 0	
Ráwalpindi ...	...	60 15 3	6 2 6	...	..	2 13 9	39 0 0	...	...	2 8 0	...	...	(c)6 0 0	120 0 0	100 0 0	
Lyallpur ...	3 11 0	54 8 0	4 12 0	20 0 0	21 8 0	3 2 0	35 0 0	2 8 0	...	1 0 0	...	2 8 0	(d)5 12 0	250 0 0	120 0 0	
Multán ...	3 7 0	54 0 0	5 0 0	13 0 0	22 8 0	2 12 0	40 0 0	2 10 9	1 2 0	1 2 3	..	...	(e)5 8 0	...	105 0 0	

(a) Elephant Brand. (b) Monkey Brand (c) Deer mark. (d) Sun Brand. (e) Flower mark.

Quotations have not been shown in cases in which there have been no wholesale transactions.

NOTE.—Prices of rice as shown in the statement are for the quality in common demand.

N.B.—Variations in prices are due to fluctuations in imports and exports.

In the statement for the fortnight ending 15th April 1918 under heads "linseed" and "rapeseed" against Multán *substitute* "Rs. 6" and "Rs. 3-4-0" *for* "Rs. 3-4-0" and "Rs. 6" respectively.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:

Lahore, dated the 6th May 1918.

MAHBUB SHAH SUPDT.,

Office of Director of Land Records, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 4th May 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1		Hissar ...	17,162	8	4	12	17	7	10	..	1	4	3	...	...	...	9	1	5	6	36	52
2	Hissar ...	Hánsi ...	14,576	4	5	9	110	55	55	..	...	86	4	...	4	..	16	9	3	12	32	393
3		Bhiwáni ...	31,100	10	10	20	69	30	39	...		55	3	...	1	...	10	4	1	5	34	116
4		Sirsa ...	14,629	5	3	8	9	1	8	..	...	...	6	1	...	...	2	...	3	3	29	32
5		Rohtak ...	19,862	14	5	19	16	6	10	...	...	...	3	4	3	..	6	4	2	6	50	42
6	Rohtak ...	Jhajjar ...	10,617	5	3	8	28	13	15	...	1	10	6	...	2	...	9	2	5	7	39	138
7		Sonepat ...	12,014	6	12	18	13	8	5	...	1	...	2	2	2	...	6	3	1	4	78	56
8	Gurgaon ...	Rewári ...	24,780	5	5	10	90	40	50	...	...	52	1	5	9	...	23	2	2	4	21	189
9		Karnál ...	21,018	7	11	18	16	7	9	...	..	...	8	...	2	..	6	3	5	8	44	39
10		Kaithal ...	12,912	8	5	13	14	8	6	...	..	...	7	1	...	...	6	4	2	6	53	57
11	Karnál ...	Pánipat ...	26,342	15	11	26	13	7	6	...		...	5	2	3	...	3	5	...	5	52	26
12		Shahabad ...	11,054	7	1	8	14	8	6	...	3	...	9	...	1	...	1	1	...	1	38	67
13	Ambála ...	Ambála ...	24,493	9	13	22	33	17	16		..	12	12	...	6	...	3	2	3	5	47	70
14		Jagádhri ...	12,045	3	4	7	17	11	6	...	...	1	7	3	3	...	3	3	1	4	30	74
15	Hoshiárpur ...	Hoshiárpur ...	16,980	9	7	16	20	11	9	..	...	9	5	...	2	..	4	1	2	3	49	61
16	Jullundur ...	Jullundur ...	55,354	21	21	42	103	49	54	...	...	59	23	1	14		6	10	5	15	39	97
17	Ludhiána ...	Ludhiána ...	43,152	15	9	24	41	20	21	...	...	20	7		7	...	7	2	1	3	29	50
18		Jagráon ...	15,039	5	6	11	37	21	16	...	...	24	2	1	2	...	8	3	1	4	38	129
19	Ferozepore ...	Ferozepore ...	24,678	7	4	11	18	9	9	...	...	...	7	...	4	...	7	3	1	4	23	38
20		Fázilka ...	10,985	1	...	1	42	19	23	...	...	33	...	1	2	...	6	2	..	2	5	200
21	Lahore ...	Lahore ...	210,271	62	48	110	165	90	75	...	...	11	89	3	38	4	20	14	12	26	27	41
22		Kasúr ...	24,783	9	8	17	46	23	23	...		35	3	...	...	..	8	1	4	5	36	97
23	Amritsar ...	Amritsar ...	151,339	4	37	83	251	135	116	...	...	29	111	12	71	1	27	12	7	19	29	86
24	Gurdáspur ...	Batála ...	26,430	14	6	20	21	9	12	...		...	10	1	10	...	...	2	2	4	40	42
25	Siálkot ...	Siálkot ...	48,595	21	22	43	38	20	18	.	...	2	17	1	5	...	13	7	3	10	46	41
26	Gujránwála	Gujránwála ...	28,687	15	4	19	16	11	5	...	...	...	12	...	2	...	2	1	...	1	35	29
27		Wazírabad ...	17,146	2	3	5	10	6	4	...	...	...	8	...	...	...	2	1	1	2	15	30
28	Gujrát ...	Gujrát ...	18,692	11	9	20	15	5	10	...	...	2	8	...	2	...	3	1	5	6	56	42
29		Jalálpur ...	11,615	7	1	8	6	2	4	..	...	...	4	...	2	...	...	1	1	2	36	27

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	11	7	18	19	9	10	...	...	4	5	3	3	1	3	3	1	4	61	65	30
31		Khusháb ...	10,159	2	3	5	8	2	6	...	...	2	...	...	1	...	5	1	...	1	26	41	31
32	Jhelum ...	Jhelum ...	12,298	4	4	8	12	5	7	...	...	7	2	...	2	...	1	1	1	2	34	50	32
33		Pind Dádan Khan	10,590	1	2	3	78	45	33	...	...	76	...	...	...	...	2	1	...	1	15	384	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	13	23	36	30	17	13	...	...	3	7	3	9	1	7	1	5	6	40	33	34
35	Lyallpur ...	Lyallpur ...	19,578	3	1	4	7	4	3	...	...	...	6	...	...	...	1	1	...	1	11	19	35
36	Jhang ...	Jhang-Maghiána	25,914	7	10	17	18	13	5	...	...	7	1	2	...	...	8	3	...	3	34	36	36
37		Chiniot ...	14,085	11	5	16	10	5	5	...	...	...	3	...	...	...	7	4	1	5	59	37	37
38	Multán ...	Multan ...	85,747	11	10	21	254	125	129	...	...	181	57	...	...	...	16	4	3	7	13	154	38
	Grand Total ...		1,196,515	414	342	756	1,724	873	851	...	6	724	463	46	212	7	266	123	89	212	33	75	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934					Statement not received.															
	Dharmsála	... ...	2,518	2	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	82	...	
	Dalhousie ...	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 4th May 1918 there were 756 births registered in the 33 large municipal towns (41 4 ales and 342 females), giving a birth rate of 33 *per mille* of population, and 1,724 deaths were registered (873 males and ll females), giving a death rate of 75 *per mille* of population. The death rates registered in the three largest towns were follows :—Lahore 41 against 29 in the corresponding week of the previous year, Amritsar 86 against 25 and ltán 154 against 26.

There were 3 deaths registered from small-pox in Shahabad and 1 each in Hissar, Jhajjar and Sonepat. Of the deaths from plague, 181 were reported in Multán, 86 in Hansi, 76 in Pind Dádan Khan, 59 in Jullundur, 55 in wáni, 52 in Rewári, 35 in Kasúr, 33 in Fázilka, 29 in Amritsar, 24 in Jagráon, 20 in Ludhiána, 12 in Ambála, 11 Lahore, 10 in Jhajjar, 9 in Hoshiárpur, 7 each in Jhelum and Jhang-Maghiána, 4 each in Hissar and Bhera, 3 in walpindi, 2 each in Siálkot, Gujrát and Khusháb and 1 in Jagádhri.

Sanitary Commissioner's Office,
Lahore:
The 14th May 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

898PGG—150—17-5-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE
Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 21.] LAHORE, FRIDAY, MAY 24, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 21st May 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 9 ... Gram, 14. Bajra, 9¼. Bejhar, 14¼. Prices between normal and warning rates.	Threshing of spring crops continues. Yield normal. Extra spring crops in good condition.	...
2	Rohtak ...	0·30 at Sadr ... 0·14 at Jhajjar.	1. Sufficient ... 2. (a) Water is getting scarce in places. (b) Adequate. 3. Generally good.	Wheat, 10 ... Gram, 13½. Barley, 14½. Jowar, 12. Bajra, 10. Prices between normal and warning rates.	Threshing of wheat, barley and gram continues. Yield average to good. Condition of extra spring crops good.	Sowings of sugarcane and irrigated cotton continue, and are below normal. Germination good.

422 PGG

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 10 to 12 ... Barley, 13 to 16½. Gram, 13½ to 16½. Jowar, 8 to 11. Bajra, 8 to 16. Maize, 10 to 12. Prices between normal and warning rates.	Standing extra spring crops good.	...
4	Ambála ...	0·20 at Jagádhri... 0·77 at Naráingarh 0·43 at Kharar. 0·16 at Rúpar.	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Good.	Wheat, 10½ ... Gram, 11½. Barley, 13½. Maize, 13. Bajra, 9¾. Prices generally between normal and warning rates.	Threshing of spring crops continues. Yield below average. Extra spring crops in fair condition.	Condition of sugarcane fair.
5	Jullundur ...	...	1. Sufficient ... 2. (a) Do. 3. Generally good.	Wheat, 11½ ... Gram, 12. Barley, 14 Maize, 11½. Prices generally between normal and warning rates.	Threshing of spring crops continues. Yield disappointing on irrigated area and better than expected on unirrigated area. Extra spring crops good.	Sowings of sugarcane finished and of cotton in progress, and are normal.
6	Ferozepore ...	...	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 10 ... Gram, 12½. Prices between normal and warning rates.	Threshing of spring crops in progress. Condition of extra spring crops satisfactory.	...
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 9½ ... Gram, 12. Prices between normal and warning rates.	Yield of irrigated wheat and gram average and of unirrigated crops below average. Extra spring crops average.	Condition of standing crops average. Sowings of cotton and fodder continue, and are normal on irrigated area and below normal on unirrigated area.
8	Amritsar ...	...	1. Sufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Good.	Wheat, 10 ... Barley, 14½. Gram, 11½. Maize, 10½. Jowar, 6½. Bajra, 9⅞. Prices generally between warning and scarcity rates.	Condition of irrigated standing crops good. Yield of wheat below normal.	Sowings of irrigated cotton and fodder continue and are normal.
9	Siálkot ...	...	1. Sufficient ... 2. (a) Do. (b) Canal closed. 3. Good.	Wheat, 9 to 10 ... Barley, 13½ to 14. Gram, 11 to 11½. Prices between normal and warning rates.	Yield of gram average and of wheat below average.	Condition of standing crops good. Sowings continue and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for—(a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
10	Shahpur ...	0·01 at Sadr ... 0·05 at Khusháb.	1. Sufficient ... 2. (a) Canals flowing; supply sufficient. 3. Good.	Wheat, 10 to 11 ... Gram, 13 to 14. Bajra, 12 to 12½. Maize, 8 to 10. Prices generally between normal and warning rates.	Standing crops average. Harvesting of gram and wheat continues. Yield normal.	Sowings of cotton and jowar continue in Shahpur Tahsil and are normal. Germination fair.
11	Ráwalpindi ...	...	1. Sufficient ... 3. Good.	Wheat, 8¼ ... Barley, 11⅝. Gram, 10¾. Maize, 10¾. Bajra, 10¾. Jowar, 6¼. Prices generally between warning and scarcity rates.	Standing crops good. Threshing of wheat continues. Yield above normal. Germination of extra spring crops good.	...
12	Miánwáli ...	...	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Good.	Wheat, 10 ... Gram, 13. Bajra, 10. Jowar, 7. Prices generally between normal and warning rates.	Standing irrigated crops good and unirrigated average. Threshing of spring crops continues. Yield above normal on irrigated area and normal on unirrigated area.	...
13	Lyallpur ...	0·17 at Sadr ... 0·60 at Jaránwála	1. Dry fodder sufficient, green scarce. 2. (b) Satisfactory. 3. Generally good.	Wheat, 10 ... Gram, 13. Barley 13. Prices between normal and warning rates.	Threshing of wheat in progress. Yield above normal.	Sowings of cotton and fodder continue and are above normal in case of cotton and normal in case of other crops.
14	Multán ...	...	1. Available ... 2. (b) Sufficient. 3. Fair.	Wheat, 10½ ... Gram, 11¾. Bajra, 9¼. Maize, 9. Prices generally between warning and scarcity rates.	Condition of extra spring good in Shujabad Tahsil and average elsewhere. Harvesting of barley and wheat completed. Yield normal.	Standing crops good in Shujabad Tahsil and average elsewhere. Sowings of cotton, fodder, jowar, maize, rice and indigo continue, and are normal.

GENERAL REMARKS.

Except for light showers in parts of a few districts, weather remained dry. Harvesting of wheat and other spring crops continues. Yield generally good on irrigated area, and below normal to normal on unirrigated area. Cotton and other autumn crops are being sown to normal extent. Condition of standing extra spring and autumn crops is average to good. Cattle are generally healthy, and fodder and water sufficient. Prices are stationary, but have a slight downward tendency, and range generally between normal and warning rates. Prices of wheat:—Ráwalpindi 8¼, Lahore 9½, Ferozepore and Lyallpur 10 and Ambála 10¼ seers per rupee.

MAHBUB SHAH, Supdt.,

for *Director of Land Records, Punjab.*

TABLE OF RAINFALL RECORDED AT STATIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Hissar.	Sirsa ...	0·12	...	...	...	0·14	0·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fatahabad ...	0·31	...	...	...	0·49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hissar ...	0·09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	...
	Hansi ...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhiwani ...	...	...	...	...	0·18	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...
	Budhlada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rohtak.	Rohtak ...	...	...	...	...	...	0·19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gohana ...	...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sampla ...	...	...	...	...	0·25	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhajjar ...	...	...	...	...	0·11	0·24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Salhawas ...	...	0·21	...	...	...	0·12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Beri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonepat ...	...	...	...	...	0·05	0·68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurgaon.	Farrukhnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jatusana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rewari ...	0·10	...	...	...	...	0·07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khol ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tauru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nuh ...	0·19	...	...	...	...	0·39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Firozpur ...	0·54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hasanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hattin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palwal ...	0·27	...	...	...	...	0·49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sohana ...	0·60	...	...	...	...	0·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurgaon ...	0·07	...	...	...	...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Punahana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ballabgarh ...	0·12	...	...	...	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karnal.	Panipat ...	...	...	...	...	...	0·31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karnal ...	0·03	...	0·04	...	0·10	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajaund ...	...	...	...	...	...	0·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kaithal ...	...	...	...	...	...	0·46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulah ...	0·05	...	...	...	...	1·69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thanesar ...	...	...	...	...	0·12	0·88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ambala.	Jagadhri ...	...	...	...	...	0·05	0·35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ambala ...	...	...	...	0·09	0·18	1·42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Naraingarh ...	0·10	...	...	0·09	0·40	0·31	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kharar ...	...	0·08	...	0·02	...	0·63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rupar ...	...	...	...	...	0·22	0·93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kasauli ...	0·20	0·17	0·18	0·14	0·44	0·74	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dadupur C ...	...	...	...	...	...	0·60	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...
Simla.	Baranli ...	0·15	0·20	...	0·17	0·55	0·67	0·07	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Simla ...	0·38	1·17	0·16	0·20	0·84	0·93	0·16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kot Khal ...	1·35	...	0·40	0·65	1·30	0·30	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...
	Kotgarh ...	1·10	0·25	0·35	1·37	1·00	0·31	...	...	...	...	...	...	...	...	...	...	...	0·45	...	...	...
	Kilba ...	0·98	...	...	...	1·46	...	0·09	...	...	...	...	...	...	...	...	0·15	0·40	0·19	...	...	...

C Denotes canal

? Indicates that no

IN THE PUNJAB FOR THE MONTH OF APRIL 1918.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 30th April 1918.	Average rainfall from 1st October up to 30th April.	Station.	District.
...	...	...	...	...	...	...	...	...		3	0·6	0·46	0·26	0·20	5·20	2·26	Sirsa	Hissar.
...	...	...	...	...	...	...	...	...		2	0·5	0·80	0·24	0·49	5·96	2·30	Fatahabad	
...	...	...	...	...	...	...	...	...		**Nil**	**0·8**	**0·18**	**0·27**	**0·09**	**7·50**	**2·66**	**Hissar**	
...	...	...	...	...	...	...	...	...		1	0·7	0·11	0·37	0·11	8·83	2·55	Hansi	
...	...	...	...	...	...	...	...	...		1	0·7	0·25	0·27	0·18	3·37	2·31	Bhiwani	
...	...	...	...	...	...	...	...	...		Nil	0·3	Nil	0·20	Nil	8·64	2·63	Budhlada	
...	...	...	...	...	...	...	...	...		Nil	0·7	Nil	0·37	Nil	3·[illegible]3	2·84	Tohana	
...	...	...	...	...	...	...	...	...		**1**	**0·8**	**0·19**	**0·29**	**0·19**	**3·44**	**2·85**	**Rohtak**	Rohtak.
...	...	...	...	...	...	...	...	...		Nil	0·8	0·05	0·38	0·05	6·1[illegible]	3·08	Gohana	
...	...	...	...	...	...	...	...	...		2	0·5	0·55	0·31	0·30	4·85	2·57	Sampla	
...	...	...	...	...	...	...	...	...		2	0·7	0·35	0·29	0·24	5·18	2·78	Jhajjar	
...	...	...	...	...	...	...	...	...		2	0·6	0·33	0·28	0·21	4·11	2·31	Salhawas	
...	...	...	...	...	...	...	...	...		Nil	?	Nil	0·47	Nil	3·50	3·69	Beri	
...	...	...	...	...	...	...	...	...		1	0·6	0·73	0·27	0·68	3·78	3·08	Sonepat	
...	...	...	...	...	...	...	...	...		Nil	0·5	Nil	0·23	Nil	1·75	2·83	Farrukhnagar	Gurgaon.
...	...	...	...	...	...	...	...	...		Nil	0·3	Nil	0·11	Nil	1·20	2·33	Jatusana	
...	...	...	...	...	...	...	...	...		1	0·4	0·17	0·13	0·10	5·01	2·31	Rewari	
...	...	...	...	...	...	...	...	...		Nil	0·7	Nil	0·30	Nil	2·67	2·73	Khol	
...	...	...	...	...	...	...	...	...		Nil	0·3	Nil	0·15	Nil	2·22	2·93	Tauru	
...	...	...	...	...	...	...	...	...		2	0·6	0·58	0·24	0·39	3·19	2·76	Nuh	
...	...	...	...	...	...	...	...	...		1	0·5	0·54	0·18	0·54	3·65	2·16	Firozpur	
...	...	...	...	...	...	...	...	...		Nil	?	Nil	?	Nil	1·44	?	Hasanpur	
...	...	...	...	...	...	...	...	...		Nil	0·5	Nil	0·21	Nil	1·60	2·58	Hattin	
...	...	...	...	...	...	...	...	...		2	0·7	0·76	0·36	0·49	5·19	2·95	Palwal	
...	...	...	...	...	...	...	...	...		2	0·3	0·80	0·19	0·60	3·88	2·73	Sohana	
...	...	...	...	...	...	...	...	...		**Nil**	**0·7**	**0·10**	**0·27**	**0·07**	**4·11**	**3·08**	**Gurgaon**	
...	...	...	...	...	...	...	...	...		Nil	0·4	Nil	0·15	Nil	2·50	2·94	Punahana	
...	...	...	...	...	...	...	...	...		2	0·8	0·27	0·44	0·15	3·56	3·07	Ballabgarh	
...	...	...	...	...	...	...	...	...		1	0·7	0·31	0·35	0·31	4·54	3·29	Panipat	Karnal.
...	...	...	...	...	...	...	...	...		**2**	**1·2**	**0·47**	**0·51**	**0·30**	**7·20**	**4·72**	**Karnal**	
...	...	...	...	...	...	...	...	...		1	0·7	0·40	0·29	0·40	5·08	2·69	Rajaund	
...	...	...	...	...	...	...	...	...		1	0·7	0·46	0·34	0·46	6·93	3·15	Kaithal	
...	...	...	...	...	...	...	...	...		1	0·9	1·74	0·55	1·69	11·34	3·85	Gulah	
...	...	...	...	...	...	...	...	...		2	0·6	1·00	0·38	0·88	8·35	4·13	Thanesar	
...	...	...	...	...	...	...	...	...		1	0·9	0·40	0·43	0·35	11·12	5·49	Jagadhri	Ambala.
...	...	...	...	...	...	...	...	...		**2**	**1·0**	**1·69**	**0·53**	**1·42**	**10·53**	**5·42**	**Ambala**	
...	...	...	...	...	...	...	...	...		3	1·0	0·95	0·41	0·40	10·97	5·75	Naraingarh	
...	...	...	...	...	...	...	...	...		1	1·0	0·76	0·40	0·66	9·79	5·32	Kharar	
...	...	...	...	...	...	...	...	...		2	1·2	1·15	0·52	0·93	12·27	5·60	Rupar	
...	...	...	0·20	...	...	...	...	...		7	2·4	2·12	1·16	0·74	13·60	10·11	Kasauli	
...	...	...	...	...	...	...	...	...		1	1·0	0·60	0·38	0·60	11·70	5·99	Dadupur	
...	...	...	0·22	...	...	...	...	...		6	2·6	2·03	1·19	0·67	15·14	9·47	Barauli	Simla.
...	...	...	0·19	...	...	...	...	...		**9**	**3·7**	**4·21**	**2·17**	**1·17**	**17·58**	**12·62**	**Simla**	
...	...	...	...	...	...	...	...	0·15		7	3·8	4·60	2·25	1·35	18·49	12·88	Kot Khai	
...	...	0·20	0·08	...	...	...	...	0·27		10	4·0	5·43	2·66	1·37	22·01	13·39	Kotgarh	
...	...	0·15	0·02	...	...	...	...	...		4	5·9	2·89	3·53	1·46	18·28	20·07	Kilba	

n-gauge station.
rages have been fixed.

Table of Rainfall recorded at Stations in th

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
District.	Station	1st.	2nd.	3rd	4th.	5th	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Jind State.	Dhaneta C ...	..	...	...	...		0·56	...		...			...	.		...		...	...	..	...
	Safidan C ...	...	...	...	...	...	0·40	...	..	...	...	...	...	...	..	..		..	...		...
	Jind C ..	...	..		...	0·20	...			...	...	...	...	...	...	...	...	..	...	...	
Bikaner State.	Chhani C ...	...	...	..	...		...	...	...	..	..			...			.		...	St a'em	
Patiala State.	Kotra C	0·20	0·05	...	...	...	0·52	...	...	...	...			...	...	...	...	...	...	...	...
	Jodhpur C ...	0·25	...	...	...	...	...	...	...	...	...		...	...		..	...	...	...	...	
	Raniki C ...	...	...	...	0·35	0·20		...		...	...	.				...	..	...	...	...	..
	Lehal C ...	0·14	...		..	0·20	0·82		...	...		..		...	...			...			..
	Gujran C ...	0·10	...	..	..		0·60	..		...	...	...	...	...	...	...		...	...	...	..
	Barthala C ...			...	...	0·33	0·53	...	..		.	...	...	..	...	.	...	..		.	...
Nabha State.	Dadabur C ...	6·59	0·45	...	0·17	0·21	...		...	...		...		...	...	...	...	...	...	...	..
	Bundher C ...	...	...	...	...			...		...	...	...	...		...	...	...		..	..	..
Kangra.	Banjar (Saraj Tahsil)	0·20	1·30	0·04	0·23	1·09	1·7·	0·36	...	...	...	...	...		...	...	...	...	0·03	0·40	..
	Kulu ...	0·34	1·43	..	1·35	1·58	1·70	0·49	...		...	...		...	...	...		...	...	0·91	..
	Nagar ...	0·39	1·72		1·03	1··5	1·58	0·59		...	...		...	.	...	...			..	0·60	..
	Palampur ...	1·09	1·06	...	0·37	1·06	1 20	0·23	...	..	..	...	..	...		...	...		...		..
	Hamirpur ...	...	0·81	0·49	0·30	0·44	0·85		.	...	...	...	...	...		...	..	...		...	..
	Dera ...	0·19	0·59	0·09	0·18	0·43	0 82	0 06	..	..	...	...	.		...	..	...	..	...	.	..
	Kangra ...	0·48	0·37	0 30	0·17	0·61	0·6	0·16	..	...	...	...	...	...	..	...	...	...	...	...	..
	Dharmsala ...	**0·85**	**0·65**	**0·15**	**0 29**	**0 85**	**1 07**	**0·17**	..	..	...	...	...	...	..	...	...		...	...	..
	Nurpur ...	0·50	0·44	0·10	0·30	0·50	2·00	...	...		..		...	...	...	...	...	...	...	..	
Hoshiarpur.	Dasuya ...	0·47	0·27	...	0·47	0·2·	0·56	...		..	...		...	...	...	...	...	...	.	...	..
	Una ...	0·10	0·93	...	0·20	0 25	1·01	...		...	...	...			...		...	...	...	...	..
	Garhshankar ...	...	0·50	...	0·12	0 12	0·35	...		...	.	...	...		...	...	...	..	...	...	..
	Hoshiarpur	**0·30**	**0·35**	**0·10**	**0·28**	**0 24**	**1·34**	**0·04**	...		...	...					...	...	...	...	..
	Tanda ..	0·24	...	0·17	...	...	...	...	...		...		..	..		..	...	...	...	...	.
Jullundur.	**Jullundur** ...	**0·45**	**0·57**	..	**0 26**	**0 35**	**3·8**	..			...					...	..		...	...	..
	Nakodar ...	0·21	0·25	...	0·13	0·27	0·86	...							...	...	...		...	...	..
	Phillaur ...	0·11	...	..	0·11	0·24	0·69	...	...	...		...		...	..	...	...	...	...	...	..
	Nawashahr ...	...	0·45	...	0 18	0 17	0·61	...	...	...	...	...	...	...	...	..	...		...	...	..
Ludhiana.	Samrala ...	0·09	0·71	...	...	0·25	1·35	...											...	...	...
	Ludhiana ...	**0·12**	**0·43**	**0·08**	**0·03**	**0·24**	**2 07**	...	...	...	...	..	...	...	...		...	...	...	..	..
	Jagraon ...	0·10	0·04		0·14	0·16	0·75	...	...		...	..	...		...		...	...	...	..	
Ferozepore.	Moga ...	0·50	0·24	...		0·11	1·57	...	...	...	...	...		...	...	...	...	..	...	...	..
	Zira ...	1·27	0·13	...	...	...	1·68	...	...	...	...	...	...	...	..	...	...	...	.	.	..
	Ferozepore Sadr ...	**0·17**	...		...		...	...	..	..	...	...	.	...		...	...		...	...	..
	Ferozepore City ...	...	...		...	...	...	...	..	...	...	...		..	...	...	.	..	...	..	..
	Muktsar ...	0·90	0·15	...	...		...	...	...	.	...	...		..	..		.	...	..	...	..
	Fazilka ...	0·1:	...	..	..	0·05	...	...	.	...	...	...	..	...	...	...	...	...	..	..	..
	Nathana ..	...	..	...	...		..	...	...	...	...	...	...	...	.		...	..	...	..	..
	Jalalabad ...	2·18	...	.	...		...	...		..	....		...	...	...	...		...	..	...	...
	Abohar ...	0·63	0·18	..	...	0·12	...	...	..	...	...		...	...	...	...	.	.	0·12	..	..
	Gobindgarh C ..	0·65	0·30	..	..	0·08	...	...	...	...	...	...	..	...	...	...	.			..	..
	Phidda C ...	0·30	...	...	...	0·50	..	...	...	...	...	...	.	...	...	..	..	...	..	..	..

C—Denotes ...
P—Indicates that ...

Punjab for the month of April 1918—continued.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 30th April 1918.	Average rainfall from 1st October up to 30th April.	Station	District.
...	..	...	...	...			...	...		1	0·5	0·56	0 32	0·56	12·87	3·48	Dhaneta *C*	Jind State.
...	..	..			...	...	...	...		1	0 7	0·40	0·51	0·40	4·8)	3 60	Safidan *C*	
	...	...	...	...	..	..	...			**1**	**0·6**	**0·20**	**0·25**	**0·20**	**5·40**	**2·7.**	**Jind *C***	
not	rece	ived		...	.		...	...		.	..	...	...	...	...	...	Chhani *C*	Bikaner State.
.	...		...			...		...		2	0 8	0·77	0·24	0·52	8·84	2·36	Kotra *C*	Patiala State.
..	...	..	..	..	...	..		...		1	0·4	0·25	0·13	0·25	5·52	2·63	Jodhpur *C*	
	...		...			...	...			2	1·0	0 55	0·32	0·35	9·68	3·48	Raniki *C*	
...	...					...	..	...		3	0·9	1·16	0·41	0·82	13·33	5 04	Lehal *C*	
...	...		...	...		...	...			2	0·8	0·70	0·60	0·60	13·55	3·75	Gujran *C*	
.	...		...	...	...	...	..			2	0·9	0·86	0·51	0 53	10·78	4·87	Barthala *C*	
.	...	...	...	.	...	...	..	...		3	0·8	0·83	0·40	0 45	7·42	3·60	Dadahur *C*	Nabha State.
...	...	...	...	..		...	...	...		Nil.	0 9	Nil.	0·31	Nil.	7·30	2·79	Bundher *C*	
...	...	...	0·46	0·11	...		...			9	4·6	6·00	2·12	1·78	25·89	13·6.	Banjar (Saraj Tahsil)	Kangra.
...		0·05	0·40	..	..	...	..			8	4·9	8·25	2 88	1·70	28·74	19·16	Kulu	
..		0 10	0·27	...	.	...		..		9	5·5	8·23	3·38	1·?5	27·68	24·31	Nagar	
...	...	...	...	...				.		6	3·5	5·01	1·84	1·20	21·84	18·53	Palampur	
...	...		0·11	...	...	...	...			6	1·7	3·00	0 91	0·85	15·01	9·81	Hamirpur	
...	...	0·02		...	...	...	..			5	1·3	2·38	0·80	0·82	15·96	9·93	Dera	
...	...	...	..	..	..	...	..	..		7	2·3	2·73	0·99	0·67	15·39	11·81	Kangra	
.	...	**0 16**	...	...	...	...	...	..		**8**	**3 7**	**4·19**	**1 89**	**1·07**	**20·42**	**18·29**	**Dharmsala**	
...	...	0·28	..				..	..		7	1·7	4·12	1·13	2·00	15·68	12·91	Nurpur	
...		0·09	.	...		..	.			5	1·7	?·09	0·66	0·56	14·60	7·26	Dasuya	Hoshiarpur.
...		0·15	..	.	...	...	.	...		6	1·3	2·64	0·57	1·6	16·48	7·02	Una	
	...		...	...		...		...		4	1·3	1·09	0·62	0·50	11·35	6·29	Garhshankar	
	...	0·13	...		..	...		.		**7**	**1·5**	**2·78**	**0·61**	**1·34**	**14·65**	**7 54**	**Hoshiarpur**	
...			...	.	...	...	...	...		2	?	0·41	?	0·24	3·17	?	Tanda	
	...	.		...	...			...		**5**	**1·4**	**5·52**	**0.59**	**3·89**	**16·86**	**5·67**	**Jullundur**	Jullundur.
...	..	...	0·13	...	..	...	..	..		6	1·2	1·85	0· 6	0·86	10·89	4·41	Nakodar	
...			0·20	...	...	.	..	...		5	1·4	1·35	0·65	0·69	11·20	4·94	Phillaur	
	...			...	.			.		4	1·1	1·41	0·51	0·61	11·77	5 66	Nawashahr	
...	...					...	...	...		3	1·2	2·40	0·56	1·35	12·50	4·79	Samrala	Ludhiana.
...	...	...	...	...	...	...	...	.		**4**	**1 2**	**2·97**	**0·61**	**2·07**	**13·88**	**5·30**	**Ludhiana**	
	...	0·04	...	..	...	...	..	.		4	1·0	1·23	0·48	0·?5	9·26	3·72	Jagraon	
	...	0·17	...	...	...	.	...	...		5	0·9	2·59	0·40	1·57	10·39	3·40	Moga	Ferozepore.
...	...	0·05	.	...	...	...	...	...		3	1·0	3·13	0·41	1·68	14·37	3·?1	Zira	
	...	.	..		...	...	...	...		**1**	**1·0**	**0·17**	**0·59**	**0·17**	**7·82**	**3·71**	**Ferozepore Sadr**	
..	..	..	...	...	..	...	...	...		Nil.	1·1	Nil.	0 57	Nil.	7·98	4·32	Ferozepore City	
...	...	...	...	...	...	...	...	...		2	0·6	1·05	0 27	0·90	5·27	2·24	Muktsar	
..	...	...	.		..		...	...		1	0·8	0·20	0·37	0·15	2·13	2·56	Fazilka	
...	...	...	...	...	...	...				Nil.	0·7	Nil.	0·23	Nil.	5·29	2·60	Nathana	
	...	...	...	..	...	..	...			1	0·9	2·18	0·51	2·18	4·88	3·14	Jalalabad	
...		...		...			.			4	?	1·05	0·54	0·63	4·42	3·58	Abohar	
...	...	...	...	...	..		...			2	0·5	1·03	0·21	0·65	3·96	1·?5	Gobindgarl. *C*	
	0·08	...		...	...	...	...	..		2	0·5	0·88	0·26	0·50	8·39	2·51	Phidda *C*	

…ain-gauge station.

…verages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th	19th.	20th.
Lahore.	Van C ...	0·20	0·10	...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chunian ...	...	...	...	...	0·21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kasur ...	0·51	...	...	...	0·38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pambe C ...	0·30	...	...	...	0·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Niazbeg C ...	0·60	...	...	0·02	0·38	0 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore ...	**0·77**	**0·25**	...	**0·11**	**0·37**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore Cant. C ...	0·92	0·5C		...	0·32	0·22	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manihala C ...	0·10	...	...	...	0·20	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dafthu C ...	0·42	...	...	...	0·30	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
	Nijabat C	0·35	0·24	0·02	..	0·08	..	..		...	...	...	...	...	...	...	...	...	...	...	...
Amritsar.	Buchar C ...	...	..	...	0·15	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khara C ...	0·90	0·42	...	...	...	0·43	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tarn Taran ...	1·35	0·08	...	0·11	0·09	0·21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Raya C ...	0·80	0·10	...	0·30	0·10	0·35	0·10	.	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar Jail Hospital	0·47	0·03	...	0·06	0 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar C ...	**0·42**	**0·03**	...	**0·05**	0·18	...	...	...	...	...	...	...	...	...	...	...	...	**0·02**	...	...
	Buggeh C ...	0·30	0·10	...		0·40	0·10	.	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ajnala ...	0·33	0·13	...	0·56	0·31	...	...		...	...	...	...	...	...	...	...	...	0·16	...	...
Gurdaspur.	Aliwal C ...	0·10	...	0·33	0·27	0·15	...	...	...	...	...	...	...	...	...	...	...	0·06		...	
	Batala ...	0·74	0·18	...	...	0·56	0·06	...	...	...	...	...	...	...	...	...	...	...	...		...
	Tibri C ...	0 25	...	0·26	0·49	2·80	0·25	...	...	...	...	...	...	...	...	...	...	...	0·07		...
	Gurdaspur ...	**0·33**	**0·23**	...	**0·21**	**0·25**	**1·12**	**0·12**	...	...	...	...	...	...	...	...	...	...			...
	Pathankot ...	0·49	0·92	0·10	0·34	0·61	2·56	0·07	...	...	...	...	...	...	...	...	...		**0·04**	...	...
	Dalhousie ...	1·34	0·91		0·76	1·63	0·76	1·05	...	...	...	...	...	...	...	...	...		...	...	...
	Madhopur C ...	0·82	1·2[illegible]	0·43	0·65	3·23	0·06		...	...	...	...	...	...	...	...	...		...	...	...
	Shakargarh ...	0·30	0·14	...	0·82	0·46	1·82	0·34	...	...	...	...	...	...	...	...	...	...	...	...	...
Sialkot.	Zafarwal ...	0·40	0·09	...	1·05	1·10	...	0·14	...		...		...	...	...	...	...	...	...	...	...
	Pasrur ...	0·37	0·26		0·48	0·53	0·57		...	...	...	...	...	...	...	...	...	...	...	...	...
	Raya ...	0·40	0·16	0·39	..	0·46		...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Daska ...	0·35	...		1·46	0·11		...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot	**0·28**	**0·17**	..	**1·35**	**0·53**	**0·31**	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gujranwala.	Ramnagar ...	0·26		...	2·00	1·00	1·80	...		...		...	...	...	...	...	...	...	...	...	...
	Wazirabad ...	0·63	0·04		1·55	0·30	0·45		...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujranwala Sadr Kacheri.	**0·55**	**0·05**	...	**2·23**	**0·13**	0·59	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sheikhupura ...	0·25		...	0·10	0·25			...	...	...	...	...	...	...	...	...	...	...	...	...
	Hafizabad ...	0·34	0·0[illegible]	...	1·42	0·50	0·6[illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khangah Dogran ...	0·22	0·02	...	0·07	0·80	0 22		...	...	...	...	...	...	...	...	...	...	...	...	...
	Sharakpur ...	0·16	...	...	0·12	0·2[illegible]	0·5[illegible]		...	...	...	...	...	...	...	...	...	...	...	...	...
	Shahjamal C ...	0·05	...	...	1·00	1·10	0·10	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pacca Dalla C ...	...	...	..	0·90	1·12		...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Feroz C	...	0·25	...		0·10	0·25	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gujrat.	**Sadr (Gujrat)** ...	**0·58**	...	...	**1·59**	**0·69**	**1·22**	...	...	...		...		...	...	...	...	...	...	...	...
	Kharian ...	0·21	0·18		1·79	1·18	1·12	0·09	...	...	...	...	...	...	...	...	...	...	...	...	...
	Phalia ...	...	0·16	...	1·72	1·42	0·78	...		...				...	...	...	...	...	...		...
Shahpur.	Midh ..			...	[illegible]	...															
	Sahiwal ...	0·28	...		0·12	0·62			...		...	...		...	...	...	...	...	...	...	...
	Nurpur ...	0·08	0·25	...	0·10	0·55	0·12	...		...	...	...	...	...	...	...	...	...	...	...	...
	Sakesar ...	0·44	1·10	0·50	1·18	0·53	0·26		...	...		...	...	...	...	...	...	...	...	...	...
	Naushehra ...	0·09		..	1·11	1·00	0·72	..	...	0·30	0·29	...	...	...	...	...	...	...	...	...	...
	Khushab ..	0·03		...	0·[illegible]9	0·50	0·20	0·22	...	...		...	...	...	...	...	...	...	...	...	...
	Shahpur ...	**0·04**	...	...	**0·13**	**0·62**	**0·69**	**0·14**	...	...		...	...	...	...	...	...	...	...	...	...
	Bhera ...			...	0·84	0·87	0·90	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha ...	0·01	0·01	...	1·53	0·70	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhalwal ...	...	...	..	1·94	0·86	0·49	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—Denotes canal

?—Indicates that

Punjab for the month of April 1918—continued.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 30th April 1918.	Average rainfall from 1st October up to 30th April.	Station.	District.
...	...	...	...	...	...	...	...	...		3	1·2	0·60	0·40	0·30	3·15	3·38	Van *C*	Lahore.
...	...	...	...	...	...	...	...	...		1	0·7	0·21	0·35	0·21	1·83	2·57	Chunian	
...	...	...	...	...	...	...	...	...		2	0·9	0·89	0·41	0·51	5·34	3·32	Kasur	
...	...	...	...	...	...	...	...	...		2	1·4	0·50	0·58	0·30	3·30	3·70	Pambe *C*	
	...		...	...	...	...	...	...		2	1·3	1·05	0·58	[illegible]	4·63	4·20	Niazbeg *C*	
...	...	**0·17**	...	...	...		...	...		**5**	**1·2**	**1·67**	**0·45**	**0·77**	**5·21**	**3·96**	**Lahore**	
...	...	...	...	...	...					4	1·7	1·96	0·53	0·92	6·62	4·76	Lahore Cant. *C*	
...	...	...	...	...	...	...	...			3	0·9	0·40	0·28	0·20	7·35	3·94	Manihala *C*	
...	...	0·05	...	...		...	...	...		2	0·7	0·77	0·29	0·42	3·45	3·34	Dafthu *C*	
...	...	...	...	...	...		...	...		2	0·6	0·69	0·34	0·35	5·00	2·82	Nijabat *C*	
...	...	0·05	...	...			...	...		2	1·6	0·35	0·57	0·15	4·80	5·13	Buchar *C*	Amritsar.
...	...	...	...	...	...	...		...		3	0·9	1·75	0·35	0·90	13·28	3·51	Khara *C*	
...	...	0·09	...	...	...	...	...	...		3	1·2	1·93	0·46	1·35	16·52	4·64	Tarn Taran	
...	...	0·24	...	...	...	...	...	...		7	1·0	1·99	0·52	0·80	14·04	5·15	Raya *C*	
...	...	0·54	...	...		...	...	...		3	1·7	1·32	0·53	0·54	8·02	5·36	Amritsar Jail Hospital	
...	...	**0·19**	...	...	...	...		...		**3**	**1·5**	**0·89**	**0·57**	**0·42**	**9·24**	**5·05**	**Amritsar** *C*	
...	...	...	...	...		...	...	...		4	1·2	0·90	0·51	0·40	7·10	5·48	Buggeh *C*	
...	...		...	...	...	...	...	...		5	1·4	1·49	0·44	0·56	8·32	4·62	Ajnala	
...	...	...	...	...		...	...	...		4	1·8	0·91	0·59	0·33	10·31	5·89	Aliwal *C*	Gurdaspur.
...		...	...	...	...	...	...			3	1·4	1·61	0·56	0·74	12·63	6·31	Batala	
...	...	...		...		...	...			5	1·6	4·05	0·62	2·80	15·40	7·55	Tibri *C*	
...	...	**0·02**	...	...	...	...	...	...		**6**	**1·6**	**2·32**	**0·60**	**1·12**	**12·96**	**7·50**	**Gurdaspur**	
...	...	0·02	...	...	...	...	...	...		6	1·5	5·11	0·80	2·56	17·40	9·85	Pathankot	
	...	0·51	...	...	...	...				7	4·4	6·96	2·89	1·63	32·98	23·51	Dalhousie	
...	0·20	...	...	...	...	...	...	...		6	2·5	6·59	1·04	3·23	20·72	11·99	Madhopur *C*	
...	...	...	...			...	...	...		6	1·6	3·88	0·71	1·82	16·37	7·88	Shakargarh	
	...	0·16	...		...	...	...	...		5	1·6	2·94	0·73	1·10	11·66	6·98	Zafarwal	Sialkot.
...	...	0·08		...	...	...	...			5	1·6	2·29	0·99	0·57	13·09	6·65	Pasrur	
...	...	...	...	...	...	...	...	...		4	1·2	1·41	0·51	0·46	7·07	5·29	Raya	
...	...	0·07	...	...	...		...	...		3	1·3	1·99	[illegible]	1·46	8·56	5·81	Daska	
...	...	...	**0·03**		...	...		...		**5**	**1·9**	**2·67**	**1·24**	**1·35**	**12·56**	**7·76**	**Sialkot**	
...	...	0·08	...	...		...		...		4	1·1	5·14	0·45	2·00	11·37	4·63	Ramnagar	Gujranwala.
...	...	...	...		...	...		...		4	1·4	2·97	0·61	1·55	8·08	5·22	Wazirabad	
...	...	...	...	...		...				**4**	**1·7**	**3·55**	**0·68**	**2·23**	**10·81**	**5·66**	**Gujranwala Sadr Kacheri.**	
...	...	0·15	0·15			...	...			5	0·6	0·90	0·28	0·25	2·35	3·27	Sheikhupura	
...	...	0·02	...	...		...	...			4	1·4	2·98	0·74	1·42	3·88	4·58	Hafizabad	
...	...	0·15	...		...		...	...		4	1·6	1·42	0·53	0·80	3·83	4·40	Khangah Dogran	
...	...	0·15	...	...			...	...		5	1·0	1·22	0·39	0·57	2·97	3·06	Sharakpur	
...	...	...	...	...	...	...		...		3	?	2·25	1·08	1·10	4·91	4·43	Shahjamal *C*	
...	...	...	...	...		...	...	...		2	1·1	2·02	0·40	1·12	4·09	[illegible]	Pacca Dalla *C*	
...	...	...	...	...		...				3	1·1	0·90	0·39	0·40	2·40	2·96	Feroz *C*	
...	...		...		...		...	...		**4**	**1·9**	**4·08**	**1·08**	**1·59**	**10·11**	**7·22**	**Sadr (Gujrat)**	Gujrat.
...		**0·10**	...			...	...	...		6	2·0	4·67	0·87	1·79	13·64	7·44	Kharian	
...	...	...	...	...		...	...	...		4	2·0	4·08	0·89	1·72	7·73	[illegible]	Phalia	
...	...	...	...	...	...		...	...		1	1·0	1·20	0·41	1·20	3·33	3·73	Midh	Shahpur.
...	...	...	...	...	...	...		...		3	1·3	1·02	0·31	0·62	4·73	3·41	Sahiwal	
	...	...	...	...			...	...		4	0·8	1·10	0·41	0·55	4·09	3·10	Nurpur	
0·95	...	...	...			...	...	...		9	0·8	5·55	0·67	1·18	15·29	4·21	Sakesar	
	...	0·55	...		...	...	...	...		4	2·1	3·47	1·10	1·11	11·95	6·49	Naushehra	
0·02	...	0·02	...				...	...		3	1·6	1·08	0·79	0·50	4·07	3·71	Khushab	
0·03		**0·07**	...		...	...	...			**4**	**1·8**	**1·72**	**0·79**	**0·69**	**5·88**	**4·24**	**Shahpur**	
	...		...	...		...	...	...		3	1·5	2·61	[illegible]	0·90	6·87	4·54	Bhera	
...	...	0·15	...	...	...	...	...	...		3	2·6	2·40	1·19	1·53	6·65	4·63	Sargodha	
...	...	...	...	...	...	...	...	...		3	?	3·29	?	1·94	8·09	?	Bhalwal	

rain-gauge station.

averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jhelum.	Pind Dadan Khan ...	...	...	...	0·82	1·11	0·31	...		...		...	...	...	...	...	...	...	...	...	...	...
	Sadr Station (Jhelum)	**0·23**	**0·19**	...	2·37	1·35	2·97	...	...	...	...	...	...	...	...		...	...	...	...	...	...
	Chakwal ...	...	...	...	1·11	1·35	0·79	...	...		...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi.	**Rawalpindi** ..	0·10	0·18		1·85	1·40	1·32	0·35		...	...	...	...		...	...	...	...	...	...	...	0·06
	Gujar Khan	...	0·17	...	0·66	2·15	1·89	0·17	...	...	...	...	...		...		...	...	...	...	...	...
	Kahuta ..	0·32	0·14	1·40	1·62	1·85	1·70	1·05		...	...	...	...	...	...		...	...	...	...	...	...
	Murree	0·11	0·25	0·46	3·09	3·14	2·54	1·52	...		...	...	...	...	...	...	...		...	0·21	...	...
Attock.	Talagang ...	...	..	...	0·62	0·66	0·17	0·15		...		...	0·04	...	...		...	...	...	...	...	...
	Pindigheb ...	...	...		0·65	0·24	0·28	0·12	...	...	...		...	...	...		...			...	...	...
	Fatehjang ...	0·31	...		2·35	0·21	1·99	0·21	...		...	...	...	...	...	...	...			...	...	...
	Attock ...	**0·19**	...	**R**	**1·26**	**0·45**	**0·35**	**0·38**	...	...	...	...	...	...	...	...	...	...	...		...	...
Mianwali.	**Mianwali** ..		...	...	0·34	0·66	0·03	...		...	...	...		...	...	...	...			...	...	...
	Isa Khel ...	...	...	...	0·95	0·45	...	...		...	...	...	...	...	...	...	...	...		...	...	...
	Bhakkar ...	...	...	...	1·42	0·60		...	...	...	...		...	...		...	...	...	...	...	...	0·05
Montgomery.	Gugera ...	0·14	...	...	...	0·37	...	...	...		...		...	...		...	...	...	...	...	...	...
	Montgomery ...	**0·19**	...	...	...	**0·80**		...		...	...	...	...	...		...	...	...		...	...	...
	Pakpattan ..	0·61		...	...	0·18		...	...	...				...	...	...	...	...	...	...	...	...
	Dipalpur ...	0·16	...	...	...	0·42	...	...	...	...	...		...	...	...	...	...	...		...	...	...
Lyallpur.	Toba Tek Singh ...	0·10	...	...	..	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Samundri ...	0·02	0·10	...	0·02	0·15	...		...		...		...	...	...	...	...	...	...	...	...	...
	Lyallpur ...	...	...	...	...	**0·36**	**0·04**	..	...		...		...		...		...		...	...	...	...
	Jaranwala ...	0·16	...	...	0·06	0·62	0·36		...	...	...	...	...	...	...		...	...	...	...	...	...
	Lyallpur *C* ...		...	...	...	0·35			...	...		...	...	...	...	...	...	...	...	...	...	...
	Tarkhani *C* ...	...	...		...	0·18		...	...	...	...	...	...	...	...	...	...	...	...	...		...
	Muridwala *C* ...	0·12	1·51	...	...	0·29	...	...	...	...		...	...	...	...	...	...	...	...	...		...
	Wariam *C* ...	...	...	..	0·40	..	...	...	...	...		...		...	...	...	...	...	...	...		...
	Badwali *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhang.	Shorkot ...	0·37	...	...	...	0·56	...	...													...	...
	Jhang ...	**0·12**	**0·08**	...	**0·13**	**1·90**	...	...		...		...	...	...	...	...	...	...	...	...	...	...
	Chiniot ...	0·20	...	...	0·16	1·33	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...
	Laklani *C* ...	...	...	...	2·50	0·10	...	...	...	...	...		...	...		...	...		...	...	...	...
	Sandyanwala *C* ...	0·21	...	...	0·03	0·24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan.	Mailsi ...	0·19	...	...	...	0·55	...									...	...	...	0·02	...	...	...
	Lodhran ...	0·57	0·03	...	...	0·48				...	...	...	...		...	...	...	...	0·05	...	...	...
	Shujabad ...	0·40		...	...	0·26		...	...	...		...	...	...	...	...	...	...	...	...	...	...
	Multan ...	**0·22**			...	**1·04**	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
	Kabirwala ...	0·36	0·19	...	...	1·19	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...
Muzaffargarh.	Alipur ...	0·10	...	...	...	0·40	...	...												...	...	...
	Muzaffargarh ..	**0·04**	...	...	...	**0·60**	...		...		...	...	...	...	...	...	...	...	...	...	...	...
	Sinanwan ..	0·02	...		...	0·74	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah ..	0·21	...	...	0·20	1·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dera Ghazi Khan.	Taunsa (Sanghar Tahsil)..	0·16	...	...	0·79	0·96	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	Dera Ghazi Khan ...	**0·02**	...	...	..	**0·92**	...	...	...	...	...	...	...	...	...	...	...	...	**R**	...	...	...
	Fort Munro ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jampur ...	0·15	...	...	...	0·28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajanpur ...	0·08	...	..	...	0·29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—Denotes canal
R—Denotes slight
†—Indicates that the

The Assistant Commissioner, Kulu, reports that snowfall during the month of February 1918 was below normal, while during

Punjab for the month of April 1918—concluded.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 30th April 1918.	Average rainfall from 1st October up to 30th April.	Station.	District.
...		.		...	...	...	...	...		3	1·7	[illegible]·24	0·71	1·11	7·62	5·16	Pind Dadan Khan	Jhelum.
...	...	...	0·02	...		...		...		5	2·2	7·13	1·01	2·97	15·32	7·31	**Sadr Station (Jhelum)**	
0·57	...	0·04			...	...		...		4	2·4	3·86	1·02	1·35	10·35	5·93	Chakwal	
0·48	..	...	...	...		...	...	...		7	3·4	5·74	1·90	1·85	18·25	10·97	**Rawalpindi**	Rawalpindi.
0·29	...	...	...	...	..		...	..		6	2·9	5·33	1·38	2·15	14·73	9·50	Gujar Khan	
0·50	...	0·06	...	...	...	...	...	...		8	3·0	8·64	1·73	1·85	21·76	11·99	Kahuta	
0·56	0·52	0·14	0·01	...	..	...	...	...		11	6·1	12·58	3·71	3·14	28·40	18·20	Murree	
0·53	...	...	...		...	...	...	..		5	2·4	2·17	1·25	0·66	8·70	6·09	Talagang	Attock.
0·35	...	...	...	..	...			...		5	2·4	1·64	1·29	0·65	9·04	6·55	Pindigheb	
...	..	...	...		...	...		...		5	2·5	5·07	1·56	2·35	15·49	9·08	Fatehjang	
0·04	0·52		...	...	...	R	...	...		6	2·9	3·19	1·55	1·26	12·39	9·22	**Attock**	
0·13	...	...		...	...	...	...	...		3	1·6	1·16	0·88	0·66	3·19	4·22	**Mianwali**	Mianwali.
0·02		...	...	...	...	..	...	...		2	1·8	1·42	0·91	0·95	3·00	4·17	Isa Khel	
..	...	0·13	...			...	...	...		3	1·0	2·20	0·49	1·42	4·41	2·33	Bhakkar	
...	...	...	...	...		..		..		2	0·9	0·51	0·38	0·37	1·94	2·31	Gugera	Montgomery.
...	...	...	...	...		...	...	...		2	0·8	0·99	0·23	0·80	2·58	2·16	**Montgomery**	
...	...	...	...	..	.		...	...		2	0·6	0·79	0·23	0·61	2·04	1·71	Pakpattan	
...	...	..	...			...	...	...		2	0·8	0·58	0·29	0·42	2·95	2·19	Dipalpur	
...	...	...	...	...		...	...	...		2	1·2	0·1[illegible]	0·78	0·[illegible]0	1·55	2·71	Toba Tek Singh	Lyallpur.
...	...	0·17	...	...	..	...		...		3	1·0	0·46	0·52	0·17	1·43	2·87	Samundri	
...		0·20	...	...	...	...	...			2	1·3	0·60	0·64	0·36	1·68	3·10	**Lyallpur**	
...	...	...	...	...	...	...	...	..		3	?	1·20	?	0·62	3·40	?	Jaranwala	
...	...	0·20	...	...	...	...		...		2	1·0	0·55	0·40	0·35	1·38	2·34	Lyallpur *C*	
...	...	0·12	...	...	...	...	...	...		2	0·8	0·30	0·33	0·18	0·95	1·89	Tarkbani *C*	
...	...	0·09	..	...		...	...	...		3	0·6	2·01	0·46	1·51	3·09	1·73	Muridwala *C*	
...	0·05	...	...	...		...	...	...		1	?	0·45	0·94	0·40	1·22	2·27	Wariam *C*	
...	0·20	...			...	...	...	...		1	1·0	0·20	0·46	0·[illegible]0	1·80	2·99	Badwali *C*	
...	...	0·04	...			...		...		2	1·0	0·97	0·50	0·56	2·73	2·08	Shorkot	Jhang.
...	...	0·08	..		...	...		...		3	1·1	~~1·50~~ 2·21	0·45	1·90	3·32	2·57	**Jhang**	
...	...	0·08	...	...		...	...	...		3	1·1	1·77	0·46	1·33	3·79	3·00	Chiniot	
...	...	...		...		...	...	...		2	0·9	2·60	0·52	2·50	3·43	2·3[illegible]	Laklani *C*	
..	...	...	...	..	...	...		...		2	0·9	0·48	0·43	0·24	1·11	1·83	Sandyanwala *C*	
...	...	...	...	...	...		...			2	0·5	0·76	0·20	0·55	1·44	1·27	Mailsi	Multan.
...	...	...	...	...	...	...				2	0·6	1·13	0·25	0·37	2·06	1·4[illegible]	Lodhran	
..	...		...	...		...		...		1	0·6	0·26	0·16	0·26	1·33	1·27	Shujabad	
...	...	0·03	..		...	...	...	...		2	0·8	1·29	0·23	1·04	2·66	1·78	**Multan**	
...	.	...	...	...	...	...	...	..		3	0·8	1·74	0·30	1·19	2·82	1·55	Kabirwala	
...	..			...	...	...	...	...		2	0·8	0·50	0·26	0·40	2·33	1·31	Alipur	Muzaffargarh.
...	...	0·04	..	...		...	...	...		1	1·0	0·68	0·29	0·60	2·00	1·69	**Muzaffargarh**	
...	...	0·07	...		.	...	...	...		1	1·0	0·83	0·41	0·74	2·14	1·94	Sinanwan	
..	...	0·21	...	...	...	...		...		4	1·1	1·73	0·50	1·11	2·88	2·26	Leiah	
...	...	0·19	...	...	...	...	..	..		4	1·3	2·10	0·61	0·96	3·65	2·35	Taunsa (Sanghar Tahsil)	Dera Ghazi Khan.
...		0·02	...	..	...	...	...	...		1	1·0	0·96	0·36	0·92	2·10	2·07	**Dera Ghazi Khan**	
...	...	...	...	...	...	...		...		Nil	1·3	Nil	0·77	Nil	0·37	2·95	Fort Munro	
...	...	...	..	.	...	...		...		2	0·8	0·43	0·28	0·28	2·03	1·45	Jampur	
...	...	...	...	..	...	...	...	...		1	0·7	0·37	0·25	0·29	1·58	1·34	Rajanpur	

rain-gauge station.
rainfall.
average have been fixed.
march it was fairly heavy.

MAHBUB SHAH, SUPERINTENDENT,

Office of Director of Land Records, Punjab.

Notes on the condition and prospects of crops, etc., in each district of the Punjab for the month of April 1918.

1.—HISSAR DISTRICT.

Slight rain fell throughout the district. Standing rabi crops are average. Outturn of gram, barley and wheat is average. Cattle in good condition; fodder sufficient. Public health generally good. Water in perennial canals sufficient. Prices falling.

2.—ROHTAK DISTRICT.

Slight rain fell during the month. Sowings of irrigated sugarcane and cotton took place and are yet below normal. Germination is good. Standing extra rabi crops are in good condition. Yield of irrigated wheat, gram and barley is good and of unirrigated crops normal. Cattle are generally in good condition. Supply of fodder and water is sufficient. Supply of canal water was adequate. Movements of grain continued. Prices of food grains are falling.

3.—GURGAON DISTRICT.

Very little rain fell during the month, which was of no benefit. Harvesting of rabi crops nearly completed. Standing rabi crops are in good condition. Estimated outturn per acre in maunds of the important rabi crops in leading classes of soil is as follows:—

...	Chahi.	Nahri.	Abi.	Ala barani.	Dahri.
Wheat	10—13	10—13	10—13	5¾—7	5¾—7
Barley	10—14⅖	10—14⅖	10—14⅖	5¾—14⅖	5¾—14⅖
Gram	9⅗—12	9⅗—12	9⅗—12	5¾—8	5¼—8
Sarshaf	2⅖—6	2⅖—6	2⅖—6	4—5¾	4

Cattle are in good condition and fodder is available. Health of people fair. Canal was running and supply of water sufficient.

4.—KARNAL DISTRICT.

Rain fell in the first week of the month, which was not useful to rabi crops, but was beneficial for sowing of sugarcane and cotton. Hailstorms damaged rabi crops in a few villages to a considerable extent. Sugarcane was sown and sowings of cotton, fodder and extra rabi crops on irrigated area started. The condition of extra rabi crops is good. The expected yield of rabi crops was as follows:—

Wheat and barley on chahi, nahri and abi areas was average and on sailab and barani areas nearly half of the average. Rabi oilseeds on irrigated areas was nearly three-fourths of the average and on unirrigated areas nearly normal.

Gram on irrigated areas was half of the normal and on unirrigated areas three-fourths of it. The condition of cattle is generally good, fodder and water sufficient, but there is no grazing in the jungle. The state of public health is generally good. Canals worked satisfactorily. There was no inundations.

5.—AMBALA DISTRICT.

Slight rain fell, which benefited the sugarcane crop. Condition of the standing extra rabi crops is good. Yield of irrigated rabi crops is average and that of unirrigated crops below average. Cattle generally are in good condition. Fodder and water supply sufficient. Public health is generally good. Western Jumna Canal flowed continuously. Water adequate for irrigation purposes. Prices have fallen to some extent.

6.—SIMLA DISTRICT.

The rainfall during the month was sufficient. In Kot Khai paddy (Dhan) was sown extensively. Condition of crops average. Condition of cattle is generally good. Fodder and grazing sufficient. Public health good. Water supply from hill streams sufficient.

7.—KANGRA DISTRICT.

Rainfall during the month was above the average, and proved beneficial to the standing crops. Some area was sown with cotton and sugarcane. The condition of the rabi crops is average on irrigated area and below average on unirrigated area. Rabi crops harvested in barani area. Yield on the whole is expected to be below average. Cattle are generally in fair condition. Fodder is becoming scarce. Public health is generally good. Water in Kuhls and streams was sufficient for irrigation purposes. Prices of food grains are still high.

8. HOSHIARPUR DISTRICT.

Sugarcane, cotton and melons were sown during the month. Condition of crops good. The expected yield is reported to be 80 and 90 per cent. respectively on irrigated and unirrigated areas. Condition of cattle good. Fodder still insufficient. Shah Nahr Canal closed. Prices stationary.

9.—JULLUNDUR.

The rainfall was much above the average, especially in Jullundur. Sowings of sugarcane, cotton and extra rabi crops are in progress. The condition and expected outturn of the irrigated crops is good and those of unirrigated below average on the whole. Cattle in good condition. Fodder inadequate. Water sufficient.

10.—LUDHIANA.

The rainfall was sufficient. Though late for rabi crops it was beneficial for extra rabi crops. The yield of rabi crops improved, though some damage was done by high winds and hails. The expected yield is a little below average. Condition of cattle is good. The canal has been working as usual.

11.—FEROZEPORE DISTRICT.

There was a light to moderate rainfall during the first week of the month. It proved beneficial for the sowings of extra rabi and kharif crops which were in progress on a normal scale. The condition of standing crops is satisfactory. The estimated yield of wheat and gram is 12 and 7½ maunds per acre respectively on irrigated and 6½ and 6 maunds on unirrigated area. The condition of cattle is generally good. Fodder and green grass is available. The state of public health is generally good. Sirhind Canal worked satisfactorily.

12.—LAHORE DISTRICT.

Some rain fell and was beneficial for sowings. Chari, Moth, cotton, sugarcane and tobacco were sown on irrigated lands. The area sown was normal. Standing rabi crops in good condition. The expected yield is average on irrigated area and below average on unirrigated area. Condition of cattle is fair. Fodder and water sufficient. Canal water supply sufficient.

13.—AMRITSAR DISTRICT.

Surgarcane, cotton and vegetables were sown. The condition of standing crops average. Yield of standing crops is expected to be somewhat below average. Condition of cattle is good. Public health generally good. Canals are working by rotation. Supply sufficient.

14.—GURDASPUR DISTRICT.

The rainfall during the month was much above average, which did some damage to barley and massar crop on the threshing floor, but proved useful for the sowing of sugarcane, cotton, etc. Condition of crops generally good. Wheat crop is being reaped. The outturn of massar and gram is average to good. Cattle are healthy, but fodder is scarce. Rivers and canals are flowing. No floods. Prices stationary.

15.—SIALKOT DISTRICT.

Nil.

16.—GUJRANWALA DISTRICT.

Rain during this month was above normal. Sowings of extra rabi crops and cotton are in progress and those of sugarcane finished. The condition of extra rabi crops is good. Crops of some villages were damaged by hails. Yield of gram is average and that of wheat is expected to be above normal. Harvesting commenced a little later than usual. The condition of cattle is fair. Fodder is sufficient. Irrigation by canal is done by rotational turns. Water supply sufficient.

17.—GUJRAT DISTRICT.

Heavy rain received in the first week of the month. Sowings of sugarcane, cotton and extra rabi crops were in progress. Germination good. Heavy rains and wind did some damage to rabi crops in lowlying and certain sailab lands. Crops in other places are in average to good condition.

Harvesting begun. Yield is estimated to be average on irrigated land and fair on unirrigated land. Cattle are generally in good condition. Fodder is fairly sufficient. Canal is flowing.

18.—SHAHPUR DISTRICT.

There was a good rainfall in the beginning of the month, which proved beneficial to some extent for unirrigated crops, but did some damage to the irrigated crops. There was a great flood in the Jhelum River which combined with hail damaged the standing crops. Sowings of cotton and of extra spring crops continued. The condition of wheat and barley was average, and that of gram was above average on unirrigated area in Khusháb Tahsil and normal elsewhere. Yield expected to be average to good. Condition of cattle was generally good. Fodder was sufficient.

19.—JHELUM DISTRICT.

Sowings of extra rabi crops have taken place. Crops much improved by the rains in March and early April. Reaping of rabi crops has begun. Yield is generally fair. Condition of cattle good. Fodder sufficient. Prices rising.

20.—RAWALPINDI DISTRICT.

Copious rainfall throughout the district. It benefited the standing crops and helped the extra rabi sowings. Condition of standing crops good. Harvesting of rabi crops commenced. Yield of oilseed below average and of barley and wheat above average. Condition of cattle good. Fodder available, but very dear. Hail slightly damaged the crops in certain villages of the Gujar Khan and Kahuta Tahsils.

21.—ATTOCK DISTRICT.

The heavy rains during the 1st week of this month were rather harmful. Cotton, moth and bajra are being sown. Condition of standing crops good. Harvesting of rabi crops continued. Condition of cattle good. Water is sufficient. Prices are stationary.

22.—MIANWALI DISTRICT.

The rain during the month was sufficient and useful for rabi crops and extra rabi sowings. The condition of standing crops is above average on irrigated and average on unirrigated areas. Cattle in fair condition. Fodder and grazing are procurable. Kurram Canal is watering lands in Isa Khel and Nammal Canal in Miánwáli Tahsils sufficiently.

23.—MONTGOMERY DISTRICT.

Sowings of extra rabi crops and cotton have been in progress during the month. Condition of standing crop is good. Rabi crops have been harvested. Yield above average on irrigated area and below average on unirrigated area. Condition of cattle generally good. Fodder procurable. Canals flowing. The Ravi had flooded and washed away some standing crops. Prices high as usual.

24.—LYALLPUR DISTRICT.

Rain fell during the month. Sowing of extra spring crops continued and are normal. Sowings of sugarcane finished in the first week of April and of cotton continued, and are normal. The condition of crops is generally good. The harvesting of wheat is in progress, and of gram and barley finished. Yield of wheat and barley expected to be 14 maunds per acre and that of gram 10 maunds an acre. The condition of cattle is generally good. Fodder is sufficient. Canal worked satisfactorily by rotational closures.

25.—JHANG DISTRICT.

Rain fell throughout the district. Cotton and extra rabi crops are being sown. In Chiniot and Jhang the wheat crop has been damaged to some extent by rain and hail. Condition of standing crops in Chiniot and Jhang good, and in Shorkot average. Harvesting of wheat has begun. Yield is expected to be good. Cattle generally good. Fodder available. Canals flowing. Prices are high.

26.—MULTAN.

The rainfall was beneficial to the extra rabi crops. Sowings of sugarcane, jowar and cotton were in progress. The standing crops are generally good, but hail did some damage to wheat crop in Multán Tahsil. Harvesting of wheat in progress. Expected yield above average. The threshing of gram and barley is in hand, yield average to good on irrigated area and below average to average on unirrigated area. Condition of cattle generally good. Fodder sufficient. Public health generally good. Inundation canals dry. Sidhnai is working by rotation. Prices of food grains stationary.

27.—Muzaffargarh District.

*There has been good rain during the month which was beneficial. The condition of standing crops is average. The rabi crop harvesting is in progress. Condition of cattle good, fodder available. Public health good. Canals dry. No rain floods. Prices of food grains still high.

28.—Dera Ghazi Khan District.

The rainfall has been above the normal. Extra rabi sowings completed. The condition of standing crops is good. Harvesting is in progress. The yield of wheat and gram is expected to be above the average. The condition of cattle is good and fodder is plentiful. The hill torrents brought down a lot of water, but very little irrigation was done. The river suddenly rose in the beginning of the month, but subsided about the middle. The inundation canals have not started yet. Prices of food stuffs are falling.

MAHBUB SHAH, Superintendent

for *Director of Land Records, Punjab.*

Vital Statistics of the districts (excluding towns with popula

Division.	No.	Districts, excluding towns.	Population under registration according to Census of 1911. Males.	Females.	Total.	Births registered. Number registered (excluding still-births).	Ratio per 1,000 per annum of population.	Still-born number registered.	DEA — Cholera. Number registered.	Ratio per 1,000 per annum.	Small-pox. Number registered.	Ratio per 1,000 per annum.	Plague. Number registered.	Ratio per 1,000 per annum.	Fever. Number registered.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
AMBALA.	1	Hissar	422,209	351,580	773,789	2,220	33·78	7	...	...	...	...	346	5·36	1,081
	2	Rohtak	385,401	329,433	714,834	2,361	38·90	20	...	...	59	0·97	527	8·68	803
	3	Gurgaon	376,330	328,057	704,387	2,148	36·90	20	...	...	12	0·20	588	9·83	1,756
	4	Karnál	412,911	339,516	752,427	2,678	41·92	37	...	...	21	0·33	71	1·11	825
	5	Ambála	343,881	264,179	608,060	2,298	44·50	53	...	...	4	0·08	603	11·66	796
	6	Simla	22,015	12,955	34,970	56	18·82	...	...	...	...	...	...	...	16
		Total of Division for month.	1,962,747	1,625,720	3,588,467	11,761	38·59	137	...	...	96	0·32	2,134	7·00	5,277
		Total of corresponding month of previous year.				11,875	38·96	136	...	...	16	0·05	224	0·74	4,847
JULLUNDUR.	7	Kángra	398,401	368,285	766,686	2,277	34·96	6	...	...	1	0·02	9	0·14	749
	8	Hoshiárpur ...	501,510	417,059	918,569	3,028	38·81	1	...	...	...	...	204	2·81	1,078
	9	Jullundur	410,060	322,542	732,602	2,793	44·89	5	...	...	4	0·06	1,570	25·22	1,998
	10	Ludhiána	268,766	205,274	474,040	1,856	46·09	5	...	...	1	0·02	5,038	125·11	379
	11	Ferozepore ...	506,938	401,883	908,821	2,996	38·81	9	...	...	5	0·06	210	2·72	1,035
		Total of Division for month.	2,085,675	1,715,043	3,800,718	12,950	40·12	26	...	...	11	0·03	7,031	21·78	5,165
		Total of corresponding month of previous year.				14,409	44·64	17	...	...	15	0·05	82	0·25	4,967
LAHORE.	12	Lahore	438,216	344,472	782,688	2,894	43·54	49	...	...	...	...	7,046	106·01	903
	13	Amritsar	407,705	320,267	727,972	2,785	45·06	10	...	...	5	0·08	883	14·28	1,011
	14	Gurdáspur ...	451,935	354,196	806,131	3,079	44·96	5	...	...	...	...	744	10·86	711
	15	Siálkot	504,104	410,580	914,684	3,375	43·44	44	...	...	1	0·01	38	0·49	924
	16	Gujránwála ...	502,651	392,131	894,782	2,889	38·02	44	...	...	...	...	1,072	14·11	1,789
		Total of Division for month.	2,304,611	1,821,646	4,126,257	15,022	42·86	152	...	...	6	0·02	9,783	27·92	5,340
		Total of corresponding month of previous year.				17,526	50·01	144	...	...	14	0·04	143	0·41	5,371
RAWALPINDI.	17	Gujrát	400,596	345,038	745,634	2,580	40·74	43	...	...	13	0·21	480	7·72	980
	18	Shahpur	376,886	310,480	687,366	1,800	30·84	33	...	...	...	...	31	0·53	1,136
	19	Jhelum	262,228	241,967	504,195	1,335	31·18	8	...	...	...	...	892	20·84	690
	20	Ráwalpindi ...	238,776	222,224	461,000	1,533	39·15	19	...	...	...	...	417	10·65	696
	21	Attock	270,392	244,894	515,286	1,545	35·30	35	...	...	...	...	56	1·28	945
	22	Miánwáli ...	179,897	161,480	341,377	1,040	35·88	24	...	...	...	...	1	0·03	950
		Total of Division for month.	1,728,775	1,526,083	3,254,858	9,633	35·57	162	...	...	13	0·05	1,886	6·82	5,326
		Total of corresponding month of previous year.				10,856	39·27	153	...	...	...	...	67	0·24	5,024
MULTAN.	23	Montgomery ...	276,119	227,996	504,115	1,614	37·70	24	...	...	3	0·07	502	11·73	1,163
	24	Lyallpur	503,644	385,351	888,895	3,086	40·88	36	...	...	1	0·01	200	2·65	963
	25	Jhang	263,916	225,696	489,612	1,652	39·74	57	...	...			4	0·10	1,024
	26	Multán	388,423	327,205	715,628	1,978	32·54	57	...	...	...	...	32	0·53	2,247
	27	Muzaffargarh ...	308,350	261,111	569,461	1,374	28·41	55	...	...	1	0·02	...	...	1,512
	28	Dera Ghází Khan ...	272,409	227,451	499,860	569	20·48	27	...	...	...	...	2	0·05	1,230
		Total of Division for month.	2,012,861	1,654,710	3,667,571	10,573	33·94	251	...	...	5	0·02	740	2·38	8,139
		Total of corresponding month of previous year.				12,749	40·93	269	...	...	29	0·09	...	...	6,608
		Total of month for Province.	10,094,669	8,343,202	18,437,871	60,139	38·40	728	...	...	131	0·08	21,574	13·78	29,247
		Total of corresponding month of previous year.				67,415	43·05	719	...	...	74	0·05	516	0·33	25,818
		Increase or decrease ...	...	...	...	−7,276	−4·65	+9	...	...	+57	+0·03	+21,058	+13·45	+3,429

Weather was in general abnormally cloudy, wet and damp.

During the month under review there were decreases of 4·65 and 3·94 *per mille* of population recorded in the birth-rate as compared with the figures for the corre
case of the former and 6·14 in the Multán Division in the latter.

There was an increase of 14·27 *per mille* of population in the death-rate for the month under report as compared with the rate for the corresponding month of the

As compared with the mortality of the previous month also there was an increase of 2·67 *per mille* of population which was noticed in all the divisions of the provin

SANITARY COMMISSIONER'S OFFICE, LAHORE :

The 18th May 1918.

20,000 or upwards) in the Punjab for the month of March 1918.

…ISTERED.

…Dysentery and Diarrhœa.		Respiratory Diseases.		Injuries, including Suicide.		Other Causes.*		Total of all Causes.				Total of corresponding month of previous year.					Districts, excluding towns.
Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number. Males.	Number. Females.	Number. Total.	Ratio per 1,000 per annum.	Number. Males.	Number. Females.	Number. Total.	Ratio per 1,000 per annum.	No.	
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
[illegible]	0·26	111	1·69	13	0·20	256	3·90	990	834	1,824	27·75	830	669	1,499	22·81	1	Hissar.
[illegible]	0·16	115	1·89	22	0·36	303	6·47	1,008	921	1,929	31·78	739	632	1,371	22·59	2	Rohtak.
[illegible]	0·45	176	2·94	21	0·35	580	9·69	1,663	1,497	3,160	52·82	731	627	1,358	22·70	3	Gurgaon.
[illegible]	0·17	124	1·94	23	0·36	308	4·82	771	612	1,383	21·65	931	723	1,654	25·89	4	Karnál.
[illegible]	0·77	245	4·74	10	0·19	275	5·32	1,040	932	1,972	38·18	1,040	936	1,976	38·26	5	Ambála.
[illegible]	0·67	10	3·36	...	...	18	6·05	32	14	46	15·46	40	31	71	23·86	6	Simla.
[illegible]	0·35	781	2·56	89	0·29	1,830	6·00	5,504	4,810	10,314	33·84	...	...	...	...		
[illegible]	0·33	789	2·59	72	0·24	1,879	6·17	...	...	...	...	4,311	3,618	7,929	26·02		
[illegible]	0·57	198	2·96	19	0·29	487	6·71	755	690	1,445	22·10	1,031	885	1,916	29·43	7	Kángra.
[illegible]	0·03	175	2·24	16	0·21	328	4·20	910	891	1,801	23·08	1,183	1,002	2,185	28·00	8	Hoshiárpur.
[illegible]	0·13	140	2·25	20	0·32	340	5·46	2,028	1,980	4,008	64·42	808	746	1,554	24·98	9	Jullundur.
[illegible]	0·22	119	2·96	9	0·22	356	8·84	3,077	2,834	5,911	146·79	503	503	1,006	24·98	10	Ludhiána.
[illegible]	0·36	167	2·16	17	0·22	489	6·34	1,057	894	1,951	25·28	1,076	824	1,900	24·61	11	Ferozepore.
[illegible]	0·26	794	2·46	81	0·25	1,950	6·04	7,827	7,289	15,116	46·83	...	...	...	...		
[illegible]	0·34	1,057	3·27	64	0·20	2,265	7·02	...	...	...	...	4,601	3,960	8,561	26·52		
[illegible]	0·14	96	1·44	10	0·15	382	5·75	4,593	3,853	8,446	137·08	849	744	1,593	23·97	12	Lahore.
[illegible]	0·34	147	2·38	9	0·15	284	4·59	1,260	1,102	2,362	38·21	801	725	1,526	24·69	13	Amritsar.
[illegible]	0·31	545	7·96	9	0·13	44	0·64	1,140	934	2,074	20·29	916	780	1,696	24·77	14	Gurdáspur.
[illegible]	0·30	274	3·53	18	0·23	299	3·85	858	719	1,577	20·30	1,036	851	1,887	24·29	15	Siálkot.
[illegible]	0·20	66	0·87	17	0·22	264	3·47	1,797	1,426	3,223	42·42	1,195	888	2,083	27·41	16	Gujránwála
[illegible]	0·25	1,128	3·22	63	0·18	1,273	3·63	9,648	8,034	17,682	50·45	...	...	...	...		
[illegible]	0·31	1,367	3·90	81	0·23	1,701	4·85	...	...	...	...	4,797	3,988	8,785	25·07		
[illegible]	0·11	111	1·75	16	0·25	230	3·63	976	870	1,846	29·15	826	650	1,476	23·31	17	Gujrát.
[illegible]	0·31	124	2·12	20	0·34	246	4·21	888	677	1,565	26·81	728	612	1,340	22·96	18	Shahpur.
[illegible]	0·26	103	2·41	11	0·26	204	4·77	1,033	887	1,920	44·85	654	487	1,141	26·65	19	Jhelum.
[illegible]	3·85	74	1·89	11	0·28	98	2·53	723	654	1,377	35·17	759	544	1,303	33·28	20	Ráwalpindi.
		44	1·01	5	0·11	196	4·48	693	551	1,246	28·47	705	596	1,301	29·72	21	Attock.
[illegible]	0·45	24	0·83	6	0·21	79	2·73	571	502	1,073	37·02	522	470	992	34·22	22	Miánwáli.
[illegible]	0·72	460	1·74	69	0·25	1,053	3·81	4,884	4,143	9,027	33·66	...	...	...	...		
[illegible]	0·91	782	2·83	71	0·26	1,358	4·91	...	...	...	...	4,194	3,359	7,553	27·82		
[illegible]	0·14	17	0·40	3	0·07	226	5·28	1,051	869	1,920	44·85	483	366	849	19·83	23	Montgomery.
[illegible]	0·37	116	1·54	21	0·28	385	5·10	906	808	1,714	22·71	854	744	1,598	21·17	24	Lyallpur.
[illegible]	0·70	21	0·51	13	0·31	395	9·50	787	699	1,486	35·75	603	476	1,079	25·96	25	Jhang.
[illegible]	[illegible]	5	0·08	4	0·07	210	3·45	1,431	1,069	2,500	41·12	840	666	1,506	24·77	26	Multán.
[illegible]	0·14	13	0·27	7	0·14	73	1·51	916	697	1,613	33·35	732	609	1,341	27·73	27	Muzaffargarh.
[illegible]	0·42	8	0·19	1	0·02	83	1·96	754	588	1,342	31·62	663	507	1,170	27·67	28	Dera Gházi Khan.
[illegible]	0·29	180	0·58	49	0·16	1,372	4·40	5,845	4,730	10,575	33·95	...	...	...	...		
[illegible]	0·22	205	0·66	66	0·21	1,565	5·02	...	...	...	...	4,175	3,368	7,543	24·22		
[illegible]	0·37	3,363	2·15	351	0·22	7,478	4·78	33,708	29,006	63,714	40·05	...	...	...	...		
[illegible]	0·41	4,300	2·68	354	0·23	8,768	5·60	22,078	18,293	40,371	25·78	...	...	...	...		
[illegible]	−0·04	−837	−0·53	−3	−0·01	−1,290	−0·82	+11,630	+10,713	+22,343	+14·27	...	...	...	...		

…of the previous year and the previous month respectively. The decrease though general throughout the province was most marked 7·15 in the Lahore Division in the …was shared by all the divisions in the province and was due chiefly to plague and fevers. The excess in the Lahore Division amounted to 25·28 and was due entirely to plague, …and Multán and was due chiefly to plague.

W. H. MILLS, Supdt.,

for Sanitary Commissioner, Punjab.

Vital Statistics of the towns (with population of

District.	No.	Town	Population under registration according to census of 1911. Males.	Females.	Total.	Births registered. Number registered (excluding still births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Cholera. Number registered.	Ratio per 1,000 per annum.	Small-pox. Number registered.	Ratio per 1,000 per annum.	Plague. Number registered.	Ratio per 1,000 per annum.	[illegible]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Hissar ...	1	Bhiwáni ...	16,249	14,851	31,100	81	30·74	12	...	...	12	4·55	198	75·14	[illegible]
Gurgaon ...	2	Rewári ...	12,885	11,895	24,780	75	35·58	...	...	...	...	...	63	29·89	[illegible]
Karnál ...	3	Karnál ...	11,233	9,785	21,018	61	33·93	1	...	...	...	...	...	...	[illegible]
	4	Páuipat ...	13,554	12,788	26,342	76	34·15	...	...	...	6	0·69	...	...	[illegible]
Ambála ...	5	Ambála ...	13,589	10,904	24,493	56	26·96	...	...	...	...	...	29	13·96	[illegible]
Jullundur ...	6	Jullundur ...	30,539	24,815	55,354	143	30·35	1	...	...	...	...	40	8·49	[illegible]
Ludhiána ...	7	Ludhiána ...	24,765	18,387	43,152	131	35·81	2	...	...	...	...	[illegible]	51·94	[illegible]
Ferozepore ...	8	Ferozepore ...	13,930	10,748	24,678	37	17·55	...	...	...	...	...	...	...	[illegible]
Lahore ...	9	Lahore ...	129,513	80,758	210,271	454	25·43	22	...	...	...	...	61	3·42	[illegible]
	10	Kasúr ...	13,769	11,014	24,783	65	30·83	3	...	...	...	...	74	35·10	[illegible]
Amritsar ...	11	Amritsar ...	87,828	63,511	151,339	440	34·30	32	...	...	2	0·16	99	7·70	[illegible]
Gurdáspur ...	12	Batála ...	14,180	12,250	26,430	80	35·84	...	...	...	1	0·45	30	13·44	[illegible]
Siálkot ...	13	Siálkot ...	26,651	21,944	48,595	151	36·62	...	...	...	...	...	...	...	[illegible]
Gujránwála ...	14	Gujránwála ...	15,600	13,037	28,637	71	29·36	...	...	...	...	...	1	0·41	[illegible]
Ráwalpindi ...	15	Ráwalpindi ...	28,948	17,694	46,642	134	33·77	6	...	...	...	...	1	0·25	[illegible]
Jhang ...	16	Jhang-Maghiána	13,212	12,702	25,914	101	45·89	1	...	...	...	...	...	...	[illegible]
Multán ...	17	Multán ...	46,987	38,760	85,747	157	21·55	1	...	...	1	0·14	725	99·53	[illegible]
Total of month ...			513,432	385,843	899,275	2,313	30·28	91	...	...	22	0·29	15·11	19·78	[illegible]
Total of corresponding month of previous year.						2,915	38·16	103	...	...	33	0·43	61	0·80	[illegible]
Increase or decrease ...			...	...	...	−602	− 7·88	− 12	...	...	− 11	− 0·14	+14·50	+ 18·98	[illegible]

Sanitary Commissioner's Office, Lahore:
The 18th May 1918.

... or upwards) of the Punjab for the month of March 1918.

...REGISTERED.																		
DYSENTERY AND DIARRHŒA.		RESPIRATORY DISEASES.		INJURIES, INCLUDING SUICIDE.		OTHER CAUSES.		TOTAL OF ALL CAUSES.				TOTAL OF CORRESPONDING MONTH OF PREVIOUS YEAR.					
								Number.				Number.					
Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	No.	TOWNS.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
5	1·90	17	6·45	1	0·38	62	23·53	149	169	318	120·68	54	54	108	40·99	1	Bhiwáni.
6	2·85	20	9·40	2	0·95	36	17·08	61	69	130	61·67	44	39	83	39·37	2	Rewári.
1	0·56	5	2·78	...	...	11	6·11	16	18	34	18·91	37	23	60	33·37	3	Karnál.
1	0·45	7	3·14	...	...	11	4·93	22	28	50	22·40	36	52	88	39·43	4	Pánipat.
5	2·41	20	9·63	...	...	13	6·26	43	36	79	38·04	71	78	149	71·74	5	Ambála.
5	1·06	38	8·06	4	0·85	20	4·24	83	66	149	31·62	49	39	88	18·69	6	Jullundur.
9	2·46	32	8·75	...	...	30	8·20	165	192	357	97·59	47	46	93	25·42	7	Ludhiána.
1	0·47	8	3·80	1	0·47	4	1·90	11	12	23	10·91	22	28	50	23·72	8	Ferozepore.
23	1·23	121	6·78	11	0·62	63	3·53	313	238	551	30·86	300	263	563	31·53	9	Lahore.
1	0·47	7	3·32	2	0·95	20	9·49	75	72	147	69·73	34	28	62	29·41	10	Kasúr.
1[illegible]	0·78	188	14·61	55	4·28	53	4·12	347	271	618	48·01	196	198	394	30·63	11	Amritsar.
1	0·46	16	7·17	...	...	3	1·34	43	31	74	33·15	27	19	46	20·61	12	Batála.
1	0·24	18	4·37	2	0·49	34	8·25	37	37	74	17·95	43	49	92	22·31	13	Siálkot.
3	1·24	14	5·79	...	...	10	4·14	30	31	61	25·23	39	47	86	35·57	14	Gujránwála.
6	1·51	33	8·32	5	1·26	28	7·06	51	51	102	25·71	66	67	133	31·00	15	Ráwalpindi.
9	4·09	3	1·36	...	...	27	12·27	39	30	69	31·35	38	32	70	31·80	16	Jhang-Maghiána.
11	1·51	45	6·18	1	0·14	153	21·00	650	494	1,144	157·04	101	100	201	27·59	17	Multán.
97	1·27	592	7·75	84	1·10	578	7·57	2,135	1,845	3,980	52·11	...	...	...	...		
96	1·26	582	7·62	37	0·48	575	7·53	1,204	1,152	2,356	30·84	...	...	...	...		
+ 1	+ 0·01	+ 10	+ 0·13	+ 47	+ 0·62	+ 3	+ 0·04	+ 931	+ 693	+ 1,624	+ 21·27	...	...	...	...		

W. H. MILLS, SUPDT.,

for *Sanitary Commissioner, Punjab.*

Weekly return o[illegible] births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 11th May 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	3	4	7	23	14	9	..	5	...	7	2	1	...	8	4	1	5	21	70	[illegible]
2		Hánsi ...	14,576	6	6	12	104	37	67	..	...	95	1	...	2	...	6	1	3	4	43	371	[illegible]
3		Bhiwáni ...	31,100	10	9	19	34	18	16	...	..	23	4	...	1	...	6	5	1	6	32	57	[illegible]
4		Sirsa ...	14,629	2	5	7	16	9	7	..	...	...	9	3	2	...	2	2	4	6	25	57	[illegible]
5	Rohtak ..	Rohtak ...	19,862	7	10	17	23	13	10	...	1	...	10	2	1	..	9	7	2	9	45	61	[illegible]
6		Jhajjar ..	10,617	2	5	7	20	11	9	...	2	11	...	..	2	...	5	3	1	4	34	99	[illegible]
7		Sonepat ..	12,014	5	5	10	13	8	5	...	1	...	4	2	...	...	6	6	2	8	43	56	[illegible]
8	Gurgaon ...	Rewári ...	24,780	3	7	10	54	22	32	...	...	28	2	4	8	...	12	1	1	2	21	113	[illegible]
9	Karnál ..	Karnál ...	21,018	11	6	17	12	4	8	...	...	...	3	...	5	...	4	2	4	6	42	30	[illegible]
10		Kaithal ...	12,912	3	4	7	5	2	3	...	...	...	2	...	...	1	2	1	1	2	29	20	10
11		Pánipat ...	26,342	20	15	35	14	2	12	...		...	6	1	3	1	3	2	2	4	69	28	11
12		Shahabad ...	11,054	3	4	7	8	1	7	...	...	2	2	1	...	...	3	1	4	5	33	38	12
13	Ambála ...	Ambála ...	24,493	8	8	16	8	3	5		..	1	3	2	1	...	1	...	...	..	34	17	13
14		Jagádhri ...	12,045	3	2	5	5	5	...	...	...	...	4	...	...	...	1	2	...	2	22	22	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	11	9	20	21	10	11	..	...	4	4	...	7	...	6	3	1	4	61	64	15
16	Jullundur ...	Jullundur ...	55,354	22	22	44	76	34	42	...	...	42	12	2	13	2	5	2	8	10	41	71	16
17	Ludhiána ...	Ludhiána ...	43,152	11	10	21	36	19	17	...	...	5	18	1	6	...	6	4	4	8	25	44	17
18		Jagraon ...	15,039	5	1	6	20	14	6	...	...	8	4	..	4	...	4	...	...	...	21	70	18
19	Ferozepore ...	Ferozepore ...	24,678	3	8	11	17	9	8	...	...	2	7	...	7	...	1	...	1	1	23	36	19
20		Fázilka ...	10,985	1	...	1	32	16	16	...	...	23	...	...	...	...	9	...	..	..	5	152	20
21	Lahore ...	Lahore ...	210,271	59	57	116	149	79	70	...	...	11	70	8	31	5	24	18	21	39	29	37	21
22		Kasúr ...	24,783	10	7	17	43	22	21	...		20	12	...	4	..	7	2	1	3	36	90	22
23	Amritsar ...	Amritsar ...	151,339	28	19	47	216	117	99	...	1	12	79	12	81	3	28	15	8	23	16	74	23
24	Gurdáspur ...	Batála ...					Statement not received.																
25	Siálkot ...	Siálkot ...	48,595	18	15	33	44	18	26	...	...	4	14	2	13	...	11	3	7	10	35	47	24
26	Gujránwála	Gujránwála ...	28,687	10	5	15	23	10	13	...	...	...	14	2	2	...	5	4	2	6	27	42	25
27		Wazírabad ...	17,146	2	1	3	12	9	3	...	...	...	9	1	1	...	1	3	1	4	9	36	26
28	Gujrát ...	Gujrát ...	18,692	7	4	11	9	8	1	...	...	...	7	...	2	...	...	3	...	3	31	25	27
29		Jalálpur ..	11,615	2	1	3	8	1	7	...	...	...	6	...	2	...	...	...	2	2	13	36	28

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of Death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	10	8	18	19	10	9	...	...	6	3	...	4	...	6	2	3	5	61	65	30
31		Khusháb ...	10,159	2	1	3	8	5	3	...	...	3	2	...	3	...	...	...	...	...	15	41	31
32	Jhelum ...	Jhelum ...	12,298	8	7	15	13	6	7	...	...	7	2	...	3	...	1	1	2	3	63	55	32
33		Pind Dádan Khan	10,590	1	1	2	45	19	26	...	...	43	...	...	...	...	2	...	1	1	10	222	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	21	12	33	28	16	12	...	...	1	12	3	4	...	8	9	4	13	37	31	34
35	Lyallpur ...	Lyallpur ...	19,578	2	4	6	7	3	4	...	...	...	6	...	...	...	1	...	3	3	16	19	35
36	Jhang ...	Jhang-Maghiána	25,914	8	4	12	33	18	15	...	...	17	6	3	1	...	6	3	2	5	24	66	36
37		Chiniot ...	14,085	10	6	16	12	9	3	...	...	...	6	2	...	...	4	5	1	6	59	44	37
38	Multán ...	Multán ...	85,747	16	8	24	122	53	69	...	...	63	45	...	...	...	14	3	6	9	15	74	38
	Grand Total	...	1,170,085	353	300	653	1,332	654	678	...	10	431	395	53	214	12	217	117	104	221	29	59	
	Hill Sanitaria.																						
	Simla ...	...	18,934	3	4	7	4	3	1	...	...	...	3	...	...	...	1	1	...	1	19	11	
	Dharmsála	...	2,518	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ..	...						Statement not received.															
	Murree ...	...	1,361	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 11th May 1918 there were 653 births registered in the 37 large municipal towns (353 males and 300 females), giving a birth rate of 29 *per mille* of population, and 1,332 deaths were registered (654 males and 678 females), giving a death rate of 59 *per mille* of population. The death rates registered in the three largest towns were as follows:—Lahore 37 against 34 in the corresponding week of the previous year, Amritsar 74 against 30 and Multán 74 against 27.

There were 5 deaths registered from small-pox in Hissar, 2 in Jhajjar and 1 each in Rohtak, Sonepat and Amritsar. Of the 431 deaths from plague, 95 were reported in Hánsi, 63 in Multán, 43 in Pind Dádan Khan, 42 in Jullundur, 28 in Rewári, 23 each in Bhiwáni and Fázilka, 20 in Kasúr, 17 in Jhang-Maghiána, 12 in Amritsar, 11 each in Jhajjar and Lahore, 8 in Jagraon, 7 in Jhelum, 6 in Bhera, 5 in Ludhiána, 4 each in Hoshiárpur and Siálkot, 3 in Khusháb, 2 each in Shahabad and Ferozepore and 1 each in Ambála and Ráwalpindi.

Sanitary Commissioner's Office,
Lahore:
The 22nd May 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

420 PGG—24—5-4-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 22.] LAHORE, FRIDAY, MAY 31, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 28th May 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 9 ... Gram, 14. Bajra, 9¼. Bejhar, 14¾. Prices between normal and warning rates.	Threshing of spring crops continues. Yield normal. Condition of irrigated extra spring crops good. Extra spring crops being reaped.	...
2	Rohtak ...	...	1. Sufficient ... 2. (a) Water getting scarce. 3. Generally good.	Wheat, 10½ ... Gram, 14. Barley, 14. Jowar, 14. Bajra, 11. Prices between normal and warning rates.	Extra spring crops good. Threshing of wheat continues. Yield good.	Sowings of irrigated sugarcane continue, and are below normal. Germination good.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	PROSPECTS OF — Spring.	PROSPECTS OF — Autumn.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Canal flowing, but no irrigation was done. 3. Good.	Wheat, $10\frac{1}{4}$ to 12... Barley, 10 to $16\frac{1}{2}$. Gram, 13 to 16. Jowar, 8 to 11. Bajra, 8 to 16. Maize, 10 to 12. Prices generally between normal and warning rates.	Extra spring crops good ...	...
4	Ambála ...	...	1. Sufficient ... 2. (a) Do. (b) Adequate. 3. Good.	Wheat, $10\frac{3}{8}$ ... Gram, $11\frac{3}{4}$. Barley, $13\frac{1}{4}$. Maize, 13. Bajra, $9\frac{3}{4}$. Prices generally between normal and warning rates.	Condition of extra spring crops good on irrigated area and fair on unirrigated area.	Condition of irrigated sugarcane good and of unirrigated fair. Ploughings continue and are normal.
5	Jullundur ...	...	1. Sufficient ... 2. (a) Adequate. 3. Generally good.	Wheat, $10\frac{1}{2}$ ... Gram, $11\frac{1}{4}$. Barley, 13. Maize, $11\frac{1}{4}$. Prices between normal and scarcity rates.	Extra spring crops good. Threshing of spring crops continues. Yield disappointing on irrigated area and better than expected on unirrigated area.	Ploughings in progress. Sowings of cotton continue and are normal. Condition of sugarcane and cotton good.
6	Ferozepore ...	...	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 10 ... Gram, $12\frac{1}{2}$. Prices between normal and warning rates.	Threshing of spring crops in progress. Extra spring crops satisfactory.	Standing crops satisfactory.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, $9\frac{1}{2}$ ... Gram, 12. Prices between normal and warning rates.	Condition of extra spring crops average. Yield of irrigated wheat and gram normal and of unirrigated crops below normal.	Sowings of cotton, fodder etc. continue and are normal. Condition of standing crops average.
8	Amritsar ...	...	1. Sufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Good.	Wheat, $9\frac{3}{4}$ ... Barley, 16. Gram, $11\frac{1}{2}$. Maize, $10\frac{1}{4}$. Jowar, 6. Bajra, $9\frac{3}{8}$. Prices generally between warning and scarcity rates.	Yield of wheat below normal. Standing irrigated crops good and unirrigated average.	Sowings of cotton, fodder, &c., continue and are normal.
9	Siálkot ...	...	1. Sufficient ... 2. (a) Do. (b) Canals flowing. 3. Good.	Wheat, 9 to 10 ... Barley, $12\frac{1}{2}$ to 13. Gram, $11\frac{1}{2}$ to $11\frac{1}{3}$. Prices between normal and scarcity rates.	Extra spring crops average. Yield of wheat poor.	Standing crops good. Sowings continue and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 10 to 11 ... Gram, 13 to 14½. Bajra, 10 to 12. Maize, 8 to 10. Prices generally between normal and warning rates.	Harvesting of wheat continues and of gram finished. Yield normal. Standing crops average.	Sowings of cotton, jowar and bajra continue to normal extent in the Shahpur Tahsil. Germination fair.
11	Ráwalpindi ...	...	1. Sufficient ... 3. Good.	Wheat, 8½ ... Barley, 11¾ Gram, 10¾. Maize, 10¾. Bajra, 10¾. Jowar, 6¼. Prices generally between warning and scarcity rates.	Threshing of wheat continues. Yield good. Standing irrigated crops good and unirrigated average.	...
12	Miánwáli ...	...	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Good.	Wheat, 10 ... Gram, 13. Bajra, 10. Jowar, 7. Prices generally between normal and warning rates.	Threshing of spring crops in progress. Yield good on irrigated area and normal on unirrigated area. Standing irrigated crops good and unirrigated average.	...
13	Lyallpur ...	...	1. Dry fodder abundant; green scarce. 2. (b) Satisfactory. 3. Generally good.	Wheat, 10 ... Gram, 13. Barley 12. Prices generally between normal and warning rates.	Threshing of wheat continues. Yield good.	Sowings of fodder continue and are normal.
14	Multán ...	...	1. Available ... 2. (b) Sufficient. 3. Fair.	Wheat, 10½ ... Barley, 13. Gram, 11½. Bajra, 9. Maize, 9. Prices generally between warning and scarcity rates.	Condition of extra spring crops good in Shujabad Tahsil and average elsewhere. Harvesting of wheat completed. Yield normal.	Standing crops good in Shujabad Tahsil and average elsewhere. Sowings of cotton, jowar, indigo, etc., continue, and are normal.

GENERAL REMARKS.

WEATHER dry. Threshing of wheat and other spring crops continues. Yield generally good on irrigated area and below normal to normal on unirrigated area. Sowings of cotton and other autumn crops continue and are normal. Standing extra spring and autumn crops are average to good. Cattle are generally healthy, and fodder and water sufficient. Prices are nearly stationary and range generally between normal and warning rates. Prices of wheat:—Ráwalpindi 8½, Lahore 9¼, Ferozepore and Lyallpur 10 and Ambála 10½ seers per rupee.

MAHBUB SHAH, SUPDT.,

for *Director of Land Records, Punjab.*

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB AND THE NORTH-WEST FRONTIER PROVINCE DURING MARCH 1918.

Station.	Pressure.		Wind.		Temperature in shade.						Humidity at 8 hrs.	Vapour tension at 8 hrs.	Amount of cloud, 10 = overcast.
	Barometer at 8 hrs. reduced to 32°, to constant gravity at 45° Lat. and to sea level.	Departure from normal.	Mean direction and velocity in miles per hour, March 1918.	Normal direction and velocity in miles per hour, March.	8 hrs.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Mean monthly departure from normal.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	"	"			°	°	°	°	°	°	%	"	
Hissar ...	29·920	+ ·017	N. 8° W. 5 ...	N. 24° W. 3 ...	64·0	85·4	—1·9	55·5	—1·4	−1·7	65	·391	3
Ambála ...	29·897	+ ·007	N. 5° E. 5 ...	N. 37° W. 2 ...	63·5	83·8	+0·7	57·2	+1·2	+0·9	65	·382	4
Simla ...	*23·075	+ ·023	...	...	48·0	55·0	—0·5	42·8	—1·1	—0·8	(a) 52	(a) ·169	6
Ludhiána ...	29·912	+ ·013	N. 4° W. 2 ...	N. 31° W. 2 ...	61·7	80·4	—2·8	57·2	+0·2	−1·3	68	·378	3
Montgomery ...	29·924	+ ·016	N. 16° W. 4 ...	N. 53° E. 4 ...	63·0	79·7	—4·7	55·9	+0·2	−2·3	68	·391	4
Lahore ...	29·912	+ ·003	N. 14° E. 2 ...	N. 10° W. 2 ...	60·9	78·3	−5·6	56·0	+1·5	−2·1	77	·416	5
Siálkot ...	29·928	+ ·014	N. 48° E. 2 ...	N. 7° E. 1 ...	59·5	74·7	−6·3	53·2	—2·0	−4·1	82	·418	4
Khusháb ...	29·939	+ ·014	N. 48° E. 4 ...	N. 22° E. 4 ...	61·1	76·8	−3·7	54·9	—1·6	−2·7	72	·391	6
Lyallpur ...	29·922	...	N. 28° W. 3 ...	...	60·5	77·4	...	53·7	...	...	77	·407	5
Ráwalpindi ...	29·972	+ ·014	N. 75° W. 3 ...	N. 39° W. 2 ...	56·8	70·5	−4·8	48·3	—2·2	−3·5	76	·352	6
Murree ...	*23·751	— ·052	S. 60° E. 6 ...	S. 83° E. 7 ...	45·1	51·2	—5·9	40·4	—1·7	—3·8	(b) 59	(b) ·174	6
Multán ...	29·922	...	N. 7° E. 1 ...	N. 50° E. 1 ...	62·7	80·3	—5·5	58·4	+0·2	—2·7	71	·401	5
D. I. Khan ...	29·963	+ ·007	N. 17° W. 1 ...	N. 13° W. 1 ...	60·0	76·5	—5·7	55·1	...	−2·9	75	·388	5
Pesháwar ...	29·987	− ·008	S. 1 ...	S. 27 W. 3 ...	56·6	71·3	−3·7	51·5	—0·2	−1·9	78	·356	7
Párachinár ...	*23·414	− ·006	Calm 1 ...	...	43·6	57·1	−1·0	38·6	+0·2	−0·4	(b) 72	(b) ·307	5
Cherát ...	*25·700	+ ·014	N. 12° W. 8 ...	N. 10° W. 10 ...	49·4	55·9	−4·6	44·8	—2·1	−3·3	(a) 61	(a) ·209	6
Drosh ...	(c) *25·153	...	E. 1 ...	...	43·1	53·5	−5·1	39·5	+0·2	−2·5	(a) 76	(a) ·210	7

(a) Mean of 30 days.
(b) „ „ 29 „
(c) — Aneroid.
* Not reduced to sea level.

Several depressions of the winter type appeared over north-west India and caused abundant rainfall in the Punjab and the North-West Frontier Province.

Pressure and Winds.—Atmospheric pressure was in considerable defect at Murree and normal or in excess at the other stations. Winds were more northerly than usual in the south-west and the extreme east of the Punjab, while the rate of air movement was on the whole slightly above normal in the Punjab and below it in the North-West Frontier Province

Temperature.—The mean temperature over the Punjab and the North-West Frontier Province as a whole was appreciably above normal from the 1st to the 5th and on the 14th and 15th, and below it on the 9th, 11th, 17th and from the 20th to the end of the month with the exception of the 28th ; it was very low from the 23rd to 25th, when the deficiency exceeded 10° in amount. On the average of the month maximum temperature was lower than usual by 4° in both the Punjab and the North-West Frontier Province, while the minimum was sensibly normal.

The following table shows for each day of the month the departure from the normal of the mean temperature of the Punjab and the North-West Frontier Province, with the highest maximum temperature registered and the name of the station recording it:—

Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.	Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1918.	°	°		1918.	°	°	
March 1st ...	+3·4	86·4	Hissar.	March 17th ...	−3·9	81·2	Multán.
" 2nd ...	+6·8	87·6	Multán.	" 18th ...	−0·8	85·5	Hissar.
" 3rd ...	+6·6	90·1	Hissar.	" 19th ...	−2·2	85·7	Do.
" 4th ...	+5·2	88·0	Do.	" 20th ...	−3·0	88·2	Do.
" 5th ...	+3·5	90·2	Do.	" 21st ...	−4·8	83·8	Do.
" 6th ...	+1·4	86·4	Do.	" 22nd ...	−8·0	83·7	Ambála.
" 7th ...	+0·8	87·8	Do.	" 23rd ...	−14·8	80·7	Do.
" 8th ...	−0·4	91·7	Ambála.	" 24th ...	−16·4	72·7	Hissar & Ambála.
" 9th ...	−3·0	91·9	Do.	" 25th ...	−13·8	71·6	Hissar.
" 10th ...	−2·1	86·7	Do.	" 26th ...	−11·5	76·8	Multán.
" 11th ...	−2·9	81·9	Do.	" 27th ...	−7·5	82·0	Do.
" 12th ...	+0·2	83·2	Khusháb.	" 28th ...	−2·3	86·6	Hissar & Multán.
" 13th ...	+1·8	87·2	Do.	" 29th ...	−3·4	87·1	Do.
" 14th ...	+3·7	88·7	Multán.	" 30th ...	−3·5	92·7	Hissar.
" 15th ...	+5·9	92·6	Do.	" 31st ...	−6·9	95·4	Do.
" 16th ...	+1·1	93·4	Hissar.				

Humidity and Cloud.—In general the air was damper and the sky more cloudy than usual.

Rainfall.—In the Punjab, the month's rainfall exceeded the average at all the observatories with the exception of Hissar and Lyallpur, where it was very nearly normal. The excess amounted to about 9″ at Murree, 6¾″ at Ráwalpindi, 4″ at Siálkot and 2″ at Simla. In the North-West Frontier Province the fall was above normal by 3·4″ or 115 per cent. and the excess was entirely general.

The following table gives the rainfall data for the Punjab and the North-West Frontier Province stations for March 1918 :—

Station.	Actual rainfall in March 1918.	Normal rainfall in March.	Departure from normal in March 1918.	Station.	Actual rainfall in March 1918.	Normal rainfall in March.	Departure from normal in March 1918.
1	2	3	4	1	2	3	4
Punjab.	″	″	″	*Punjab—concluded.*	″	″	″
Hissar	0·46	0·44	+0·02	Murree	13·82	4·55	+9·27
Ambála	1·10	0·94	+0·16	Multán	1·58	0·43	+1·15
Simla	4·68	2·69	+1·99				
Ludhiána	2·77	1·07	+1·70	*North-West Frontier Province.*			
Montgomery	1·02	0·52	+0·50				
Lahore	2·36	0·86	+1·50	Dera Ismail Khan	1·49	1·08	+0·41
Siálkot	5·67	1·54	+4·13	Peshawar	4·43	2·20	+2·23
Khusháb	2·44	1·19	+1·25	Páráchinár	10·02	4·43	+5·59
Lyallpur	0·80	0·81	−0·01	Cherát	8·71	4·24	+4·47
Ráwalpindi	9·06	2·27	+6·79	Drosh	7·38	2·95	+4·43

SIMLA :
The 10th May 1918.

GILBERT T. WALKER,
Director-General of Observatories.

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STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON DURING THE FORTNIGHT

1	2			3			4			5		
	QUANTITIES PER RUPEE BY											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	9 0	9 0	10 4	13 0	13 0	15 0	...	...	...	5 0	5 0	7 0
Rohtak	9 14	10 0	10 6	14 8	15 0	15 0	...	...	...	5 6	5 8	6 5
Gurgaon	10 8	10 4	10 8	14 0	15 0	14 8	...	...	...	6 0	6 0	8 0
Karnál	10 0	10 12	10 12	14 0	15 0	15 8	...	...	...	5 4	6 0	7 0
Ambála	10 0	10 4	10 8	13 4	14 8	14 8	...	...	...	7 2	7 2	8 12
Simla	7 14	8 0	8 12	9 4	9 4	11 0	...	...	...	4 8	5 0	6 12
JULLUNDUR.												
Kángra	8 8	5 8	8 4	9 0	8 0	13 0	...	...	...	7 0	7 0	8 4
Hoshiárpur	10 4	9 0	11 0	14 0	13 0	15 0	...	...	...	5 8	6 0	7 0
Jullundur	10 0	9 8	11 0	14 0	14 0	13 0	...	...	...	5 8	5 6	7 0
Ludhiána	10 0	9 8	10 8	13 8	12 8	15 0	...	...	...	5 8	6 0	6 0
Ferozepore	10 0	10 0	10 12	14 0	14 0	13 8	...	...	...	6 8	6 8	7 0
LAHORE.												
Lahore	9 8	8 8	10 4	13 0	13 0	13 4	...	...	...	5 12	5 12	8 4
Amritsar	9 10	9 8	11 2	14 0	14 0	15 4	...	...	...	6 4	6 4	8 0
Gurdáspur	9 8	7 8	11 8	15 8	10 0	16 0	...	...	...	7 0	6 8	8 0
Siálkot	9 9	9 0	11 0	13 0	13 0	14 0	...	...	...	6 0	6 0	8 8
Gujránwála	9 4	8 2	11 10	14 0	16 0	14 8	...	...	...	6 0	6 4	8 12
RAWALPINDI.												
Gujrát	9 0	7 12	11 0	14 0	14 0	16 0	...	...	...	6 0	6 0	8 0
Shahpur	10 8	9 4	11 0	13 0	13 0	13 8	...	...	...	5 8	5 8	7 7
Jhelum	9 4	7 0	10 0	11 8	11 8	15 8	...	...	...	6 0	5 8	8 0
Ráwalpindi	8 0	6 12	8 12	11 4	11 4	14 0	...	...	...	6 12	6 12	8 0
Attock	7 12	7 12	9 0	12 8	12 8	14 0	...	...	...	6 8	6 8	7 0
Mianwáli	10 4	8 6	10 4	‡	‡	14 0	...	...	...	6 0	6 0	7 0
MULTAN.												
Montgomery	12 6	9 10	10 8	13 0	§	13 0	...	...	...	5 12	6 0	6 12
Lyallpur	10 0	9 4	10 8	12 0	12 0	14 8	...	...	...	6 0	6 8	7 4
Jhang	10 4	9 9	10 8	12 14	13 5	13 4	...	...	...	5 4	5 8	7 0
Multán	10 4	8 14	10 12	12 12	12 12	14 0	...	...	...	7 0	7 0	8 8
Muzaffargarh	9 12	8 2	10 8	12 0	12 0	12 8	...	...	...	7 8	7 8	6 0
Dera Ghási Khan ...	9 8	9 8	10 0	14 6	15 0	15 10	...	...	...	5 4	5 5	9 6

†Not produced. ‡ Not sold.
NOTE.—The prices of rice as shown in the statement are
N.B.—Variations in prices are due to fluctuations

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH MAY 1918.

6			7			8			9			1
THE ORDINARY SEER OF 80 TOLAS.												
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			
Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
‡	‡	‡	9 8	10 0	15 0	‡	‡	†	‡	‡	†	Hissar.
12 0	13 0	16 0	10 8	10 8	16 0	†	†	†	†	†	†	Rohtak.
8 0	8 0	15 0	10 0	11 0	16 0	†	†	§	†	†	†	Gurgaon.
‡	‡	†	‡	‡	†	†	†	†	†	§	†	Karnál.
7 8	9 12	17 0	9 12	9 12	14 0	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
8 12	8 12	10 0	8 4	8 4	11 0	‡	‡	†	‡	‡	†	Simla.
												JULLUNDUR.
‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	Kángra.
6 0	§	11 0	§	§	12 0	†	†	†	‡	‡	†	Hoshiárpur.
5 8	5 0	12 0	†	9 0	12 0	†	†	†	9 0	9 0	9 0	Jullundur.
8 0	9 0	13 8	7 8	8 8	13 8	†	†	†	6 0	6 0	7 0	Ludhiána.
‡	‡	11 0	†	†	13 8	†	†	†	‡	‡	†	Ferozepore.
												LAHORE.
7 12	7 12	11 8	8 8	8 8	13 0	§	§	†	10 0	10 0	12 8	Lahore.
6 0	7 8	11 12	9 0	9 0	14 12	§	§	§	10 0	10 0	§	Amritsar.
6 0	6 8	12 8	§	§	†	§	§	†	8 0	8 0	8 0	Gurdáspur.
§	§	§	§	§	§	§	§	§	§	§	§	Siálkot.
6 0	7 0	10 12	§	§	§	§	§	§	§	§	†	Gujránwála.
												RAWALPINDI.
§	§	§	‡	‡	14 0	‡	‡	†	§	§	§	Gujrát.
5 8	6 0	11 7	12 8	12 8	15 12	§	§	§	§	§	§	Shahpur.
§	§	10 0	10 0	10 8	13 0	†	†	†	†	†	†	Jhelum.
6 4	6 4	10 4	10 12	10 12	13 8	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	11 8	11 8	12 8	‡	‡	†	‡	‡	†	Attock.
7 0	7 0	§	10 0	11 0	14 8	†	†	§	†	†	§	Miánwáli.
												MULTAN.
5 4	5 8	10 0	§	§	11 0	§	§	§	§	§	§	Montgomery.
§	§	12 0	§	§	14 0	§	§	†	§	§	†	Lyallpur.
4 0	‡	9 0	§	8 8	13 0	14 8	14 8	14 0	11 8	11 8	11 8	Jhang.
‡	‡	12 12	9 4	9 12	14 0	‡	‡	†	13 0	13 0	14 0	Multán.
§	§	§	§	§	§	§	§	§	§	§	§	Muzaffargarh.
5 0	5 0	13 8	8 12	8 12	15 0	‡	‡	‡	‡	‡	‡	Dera Gházi Khan.

§Not procurable.
for the quality in common demand.
in imports and exports.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	10			11			12			13		
Districts.	Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).			Maize (Zea Mays).			Arhur or Thur Cadjan Pea (Cajanus indicus).			Firewood.		
	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Ambala.												
Hissar	14 0	15 0	15 8	‡	‡	‡	‡	‡	‡	60 0	60 0	70 0
Rohtak	13 8	14 0	14 6	§	§	‡	8 0	8 0	9 0	50 0	40 0	70 0
Gurgaon	13 4	14 0	15 0	11 0	11 0	13 0	9 0	9 0	8 0	60 0	60 0	60 0
Karnál	13 0	14 0	14 8	‡	‡	†	8 0	9 0	8 8	90 0	90 0	110 0
Ambála	11 8	12 12	14 0	13 0	13 0	16 0	7 12	7 12	8 12	85 0	85 0	100 0
Simla	9 12	9 4	11 0	9 4	9 4	11 0	6 8	6 4	6 4	53 0	53 0	64 0
Jullundur.												
Kángra	6 8	6 0	8 0	9 4	7 8	12 0	4 8	4 8	5 0	80 0	80 0	80 0
Hoshiárpur	11 0	10 4	13 0	11 0	11 8	15 0	‡	‡	†	70 0	80 0	80 0
Jullundur	10 12	11 4	13 4	11 4	11 0	15 0	§	§	†	50 0	48 0	65 0
Ludhiána	12 0	12 0	13 12	13 0	12 0	15 0	8 8	8 8	6 0	55 0	55 0	70 0
Ferozepore	12 8	12 0	13 4	§	§	14 0	5 0	5 0	5 8	45 0	60 0	60 0
Lahore.												
Lahore	12 8	12 0	13 8	8 12	8 12	13 8	6 8	6 8	7 4	40 0	40 0	50 0
Amritsar	11 0	10 0	13 12	10 0	10 0	14 4	7 0	7 0	8 12	50 0	50 0	70 0
Gurdáspur	10 0	8 0	12 8	10 0	10 0	15 0	§	§	†	60 0	60 0	60 0
Siálkot	10 8	10 0	12 0	§	§	14 0	§	§	§	80 0	80 0	70 0
Gujránwála	12 0	13 4	13 4	§	§	†	§	§	†	38 0	43 0	53 0
Rawalpindi.												
Gujrát	11 0	11 0	12 8	‡	‡	12 0	†	†	†	45 0	45 0	65 0
Shahpur	12 8	11 0	12 14	10 0	11 0	14 0	7 0	7 0	7 14	50 0	53 0	63 0
Jhelum	11 0	10 4	12 8	9 0	9 0	12 0	6 0	6 0	7 0	45 0	55 0	53 0
Ráwalpindi	10 0	8 4	11 12	10 12	10 12	11 12	7 8	7 8	8 0	38 0	36 0	52 0
Attock	11 4	9 4	12 4	12 8	12 0	11 12	5 8	5 8	5 4	46 0	46 0	61 0
Miánwáli	13 0	12 0	13 8	‡	‡	§	‡	‡	§	45 0	45 0	55 0
Multan.												
Montgomery	12 2	12 4	12 2	8 0	8 0	11 0	§	§	7 0	75 0	75 0	110 0
Lyallpur	12 12	12 0	13 8	§	§	15 0	6 0	6 0	8 0	37 0	32 0	55 0
Jhang	13 4	12 0	12 8	8 8	8 8	13 0	‡	‡	†	34 0	34 0	60 0
Multán	11 8	9 8	12 0	§	§	13 0	‡	‡	6 8	55 0	55 0	80 0
Muzaffargarh	9 12	8 6	11 8	7 0	6 8	§	§	§	§	80 0	80 0	95 0
Dera Gházi Khan	12 8	11 4	11 12	‡	‡	‡	‡	‡	‡	62 0	62 0	90 0

* No wholesale salt sold.

† Not produced.

N.B.—Variations in prices are due to fluctuations in

NOTE.—The price of bathu and masar at Simla during

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB;

Lahore, dated the 27th May 1918.

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH MAY 1918—CONCLUDED.

14						15			16			1
THE ORDINARY SEER OF 80 TOLAS.												
Salt.						*Gur.*			*Cotton (unginned).*			
Present fortnight ending 15th May 1918.		Past fortnight ending 30th April 1918.		Corresponding fortnight of 15th May 1917.		Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	Present fortnight ending 15th May 1918.	Past fortnight ending 30th April 1918.	Corresponding fortnight of 15th May 1917.	DISTRICTS.
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.							
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
*	19 0	*	19 0	17 0	16 0	9 0	9 0	7 4	3 0	3 0	4 0	Hissar.
11 0	10 8	16 0	16 0	17 0	16 0	9 0	10 0	7 8	2 6	2 8	5 0	Rohtak.
11 0	11 0	11 8	11 0	17 8	17 0	7 8	8 0	6 8	3 0	3 0	4 0	Gurgaon.
11 4	10 8	12 0	11 0	17 0	16 8	9 8	9 8	7 0	‡	‡	†	Karnál.
13 5	13 0	13 5	13 0	17 10	17 0	7 8	7 8	6 0	§	§	4 4	Ambála.
6	8 12	10 4	9 0	13 5	11 8	5 4	5 4	5 0	§	§	§	Simla.
												JULLUNDUR.
*	8 0	*	7 8	*	10 8	3 8	3 8	3 8	‡	‡	‡	Kángra.
13 0	12 8	13 0	12 0	20 0	18 0	5 8	5 8	6 8	‡	‡	§	Hoshiárpur.
12 12	11 12	12 0	11 12	19 8	18 4	5 0	5 0	6 0	§	§	†	Jullundur.
12 8	12 0	12 8	12 0	18 0	17 8	6 8	6 8	6 0	2 0	2 0	3 8	Ludhiána.
12 0	11 8	12 0	11 8	18 0	16 0	5 0	6 0	5 8	2 4	2 4	4 0	Ferozepore.
												LAHORE.
12 0	11 12	13 8	13 4	19 0	18 0	6 4	6 8	7 0	2 8	2 8	3 12	Lahore.
12 8	12 4	13 8	12 8	22 8	20 0	5 8	6 14	7 10	2 6	2 6	§	Amritsar.
*	12 8	*	12 0	*	16 0	6 0	6 0	7 0	4 0	4 0	5 0	Gurdáspur.
13 0	12 0	14 8	14 0	20 0	19 0	6 0	6 8	7 0	§	§	4 0	Siálkot.
14 0	13 8	13 8	13 0	20 0	19 0	6 4	7 6	8 4	§	§	4 4	Gujránwála.
												RAWALPINDI.
12 0	11 0	12 0	11 0	20 0	15 0	6 0	6 0	7 0	‡	‡	†	Gujrát.
13 5	12 0	13 5	12 0	20 0	18 0	7 0	8 0	7 0	§	§	4 7	Shahpúr.
14 0	13 0	14 8	14 0	21 0	20 0	5 8	5 12	7 0	‡	‡	‡	Jhelum.
11 4	10 4	14 0	13 8	21 4	20 0	6 12	6 12	7 8	§	§	†	Ráwalpindi.
21 0	20 0	21 0	20 0	15 0	14 0	6 0	6 0	6 8	3 0	3 0	5 0	Attock.
20 0	20 0	20 0	20 0	*	20 0	5 8	5 8	6 0	‡	‡	†	Miánwáli.
												MULTAN.
11 0	10 0	12 0	11 0	13 8	13 0	6 8	6 8	7 0	2 8	2 8	4 0	Montgomery.
12 0	11 0	11 0	10 0	18 5	17 8	8 0	7 8	8 4	§	§	§	Lyallpur.
12 8	11 0	11 8	10 8	15 0	13 8	6 4	6 2	6 10	2 10	2 10	4 0	Jhang.
14 0	13 8	14 8	14 0	16 8	15 8	6 12	6 4	7 4	2 6	2 1	4 0	Multán.
10 8	10 0	10 8	10 0	17 0	16 0	6 4	6 4	6 4	§	§	5 0	Muzaffargarh.
12 12	12 8	12 8	12 4	13 0	12 8	5 0	5 0	6 0	3 0	3 0	7 0	Dera Ghâzi Khan.

‡ Not sold. § Not procurable.

imports and exports.
the fortnight ending 15th May 1918 was 8½ seers per rupee.

B. D. SINGH, HD. ASSTT., STATISTICS,
Office of Director of Land Records, Punjab.

Remarks on Current Variations.

Wheat.—Prices average 9 seers 10 chataks as compared with 8 seers 13 chataks in last fortnight and 10 seers 7 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers. c.	Last fortnight. Seers. c.	This fortnight. Seers. c.
Hissar ...	10 4	9 0	9 0
Kángra ...	8 4	5 8	6 8
Gujránwála ...	11 10	8 2	9 4
Gujrát ...	11 0	7 12	9 0
Montgomery ...	10 8	9 10	12 6

Barley.—Prices average 12 seers 10 chataks as compared with 12 seers 9 chataks in last fortnight and 14 seers 5 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers. c.	Last fortnight. Seers. c.	This fortnight. Seers. c.
Hissar ...	15 0	13 0	13 0
Kángra ...	13 0	8 0	9 0
Amritsar ...	15 4	14 0	14 0
Jhelum ...	15 8	11 8	11 8
Lyallpur	14 8	12 0	12 0

Rice.—Prices average 6 seers 1 chatak as compared with 6 seers 2 chataks in last fortnight and 7 seers 9 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers. c.	Last fortnight. Seers. c.	This fortnight. Seers. c.
Hissar ...	7 0	5 0	5 0
Jullundur ...	7 0	5 6	5 8
Gujránwála ...	8 12	6 4	6 0
Gujrát ...	8 0	6 0	6 0
D. G. Khan ...	9 6	5 5	5 4

Jowar.—Prices average 6 seers 10 chataks as compared with 7 seers 6 chataks in last fortnight and 12 seers 2 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers. c.	Last fortnight. Seers. c.	This fortnight. Seers. c.
Ambála ...	17 0	9 12	7 8
Jullundur ...	12 0	5 0	5 8
Gurdáspur ...	12 8	6 8	6 0
Shahpur ...	11 7	6 0	5 8
D. G. Khan ...	13 8	5 0	5 0

Bajra.—Prices average 9 seers 3 chataks as compared with 10 seers in last fortnight and 13 seers 12 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers. c.	Last fortnight. Seers. c.	This fortnight. Seers. c.
Gurgaon ...	16 0	11 0	10 0
Ludhiána ...	13 8	8 8	7 8
Amritsar ...	14 12	9 0	9 0
Miánwáli ...	14 8	11 0	10 0
D. G. Khan ...	15 0	8 12	8 12

Gram.—Prices average 11 seers 11 chataks as compared with 10 seers 11 chataks in last fortnight and 12 seers 14 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers. c.	Last fortnight. Seers. c.	This fortnight. Seers. c.
Ambála ...	14 0	12 12	11 8
Jullundur ...	13 4	11 4	10 12
Amritsar ...	13 12	10 0	11 0
Ráwalpindi ...	11 12	8 4	10 0
Muzaffargarh ...	11 8	8 6	9 12

Maize.—Prices average 10 seers 3 chataks as compared with 10 seers 2 chataks in last fortnight and 13 seers 8 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917. Seers. c.	Last fortnight. Seers. c.	This fortnight. Seers. c.
Ambála ...	16 0	13 0	13 0
Hoshiárpur ...	15 0	11 8	11 0
Gurdáspur ...	15 0	10 0	10 0
Shahpur ...	14 0	11 0	10 0
Montgomery ...	11 0	8 0	8 0

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MAY 1918.

WHOLESALE PRICE PER MAUND OF 82 2/7 LBS. OR 40 SEERS OF 80 TOLAS EACH. (Columns 2–17: Rs. A. P.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Name of district.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
Ambála ...	3 4 0	5 8 0	4 0 0	2 14 0	...	5 4 0	4 0 0	3 0 0	3 6 0	5 0 0	6 0 0	5 8 0	7 12 0	8 0 0	5 0 0	...
Ferozepore ...	3 5 3	5 11 3	3 13 0	2 12 3	...	...	...	...	3 1 3	7 4 6	6 10 9	...	7 4 6	7 4 3	6 2 6	58 3 0
Lahore ...	4 0 0	6 10 9	4 1 6	3 0 0	3 0 0	5 0 0	4 7 0	4 7 0	3 1 3	5 14 9	5 8 6	4 13 6	6 10 9	8 0 0	6 2 6	42 10 9
Amritsar ...	3 11 0	6 2 6	4 0 0	2 12 0	...	6 8 0	4 4 6	3 14 6	3 7 6	5 4 0	6 4 0	5 0 0	6 12 0	8 2 0	6 10 0	50 0 0
Ráwalpindi ...	...	5 11 6	4 13 6	3 7 9	...	6 2 6	3 10 3	3 10 3	3 14 3	...	4 5 3	4 9 3	...	...	5 11 6	...
Lyallpur ...	...	6 4 0	3 13 0	3 0 0	...	...	...	...	2 15 0	6 0 0	...	4 7 0	8 0 0	8 0 0	4 12 0	...
Multán ...	3 0 0	5 8 0	3 13 0	3 0 0	3 4 0	...	4 4 6	...	3 5 3	...	7 12 0	4 12 0	9 4 0	7 0 0	5 11 6	50 0 0

WHOLESALE PRICE PER MAUND OF 82 2/7 LBS. OR 40 SEERS OF 80 TOLAS EACH. (Columns 18–32: Rs. A. P.)

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Name of district.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow).	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	Remarks.
Ambála ...	4 0 0	70 0 0	4 6 0	13 0 0	16 0 0	3 0 0	50 0 0	2 6 0	1 0 0	1 2 3	1 5 3	...	(a)3 12 0	150 0 0	100 0 0	
Ferozepore ...	4 3 3	60 15 3	5 0 0	16 0 0	16 0 0	3 5 3	65 8 0	2 3 6	...	1 0 0	...	...	...	225 0 0	143 0 0	
Lahore ...	3 15 0	64 0 0	5 0 0	16 0 0	18 0 0	3 5 3	43 0 0	2 10 9	1 0 0	1 4 0	...	1 4 0	(a)5 8 0	170 0 0	200 0 0	
Amritsar ...	3 12 0	63 0 0	4 6 0	12 0 0	16 8 0	3 2 0	41 0 0	2 3 0	...	1 4 6	...	1 8 0	(b)4 2 9	...	180 0 0	
Rawalpindi ...	...	60 15 3	5 5 3	...	...	3 7 9	39 0 0	...	...	2 8 0	...	1 8 0	(c)6 0 0	120 0 0	100 0 0	
Lyallpur ...	3 8 0	54 0 0	4 10 0	21 0 0	20 0 0	3 4 0	35 0 0	2 8 0	...	...	1 0 0	2 6 0	(d)5 12 0	270 0 0	130 0 0	
Multán ...	3 7 0	54 0 0	4 9 0	13 0 0	22 8 0	2 13 9	40 0 0	2 12 6	1 2 0	0 13 3	...	...	(d)5 9 0	...	105 0 0	

(a) Elephant Brand. (b) Monkey Brand (c) Victoria mark. (d) Sun Brand.

Quotations have not been shown in cases in which there have been no wholesale transactions.
NOTE.—Prices of rice as shown in the statement are for the quality in common demand.
N.B.—Variations in prices are due to fluctuations in imports and exports.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Lahore, dated the 27th May 1918.

B. D. SINGH, HEAD ASST., STATISTICS,
Office of Director of Land Records, Punjab.

SUPPLEMENTARY STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON AND THE WHOLESALE AND RETAIL PRICES OF SALT IN SIALKOT DISTRICT OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH APRIL 1918.

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.

1	2			3			4			5			6			7			8			9			10		
District.	*Wheat.*			*Barley.*			*Rice (Best sort).*			*Rice (Common).*			*Jowar or Cholum (Andropogon sorghum).*			*Bajra or Cumbu (Pennisetum typhoideum).*			*Mandwa, Marua or Ragi (Eleusine coracana).*			*Kangni or Kakun, Italian Millet (Sitaria italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).*		
	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
Sialkot ...	9 0	6 8	10 0	13 0	13 0	13 0	...	...	...	6 0	‡	8 8	§	§	§	§	§	14 0	§	§	§	§	§	§	10 0	8 8	11 0

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.

1	11			12			13			14						15			16			17
District.	*Maize (Zea Mays).*			*Arhar or Thur Cadjan Pea (Cajanus indicus).*			*Firewood.*			*Salt.*						*Gur.*			*Cotton, unginned.*			Remarks.
	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918. Whole-sale.	Present fortnight ending 30th April 1918. Retail.	Past fortnight ending 15th April 1918. Whole-sale.	Past fortnight ending 15th April 1918. Retail.	Corresponding fortnight of 30th April 1917. Whole-sale.	Corresponding fortnight of 30th April 1917. Retail.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	Present fortnight ending 30th April 1918.	Past fortnight ending 15th April 1918.	Corresponding fortnight of 30th April 1917.	
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	
Sialkot ...	§	§	13- 0	§	§	§	80 0	80 0	70 0	14 8	14 0	15 0	14 0	17 0	16 0	6 8	6 8	7 0	‡	‡	4 0	

NOTES.—Prices of rice as shown in the statement are for the quality in common demand.
Variations in prices are due to fluctuations in imports and exports.
‡ Not sold.
§ Not procurable.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB: Dated Lahore, the 27th May 1918.

B. D. SINGH, HEAD ASSISTANT OF STATISTICS,
Office of the Director of Land Records, Punjab.

IRRIGATION OPERATIONS OF FASL KHARIF OF 1918 UP TO 30TH APRIL 1918.

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fasl Kharif

	Canals.	Water distributed during April 1918.			
		Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
		Authorized maximum gauge.	Actual throughout April 1918.	Authorized full supply.	Actual average throughout April 1918.
	1	2	3	4	5
	MAJOR IRRIGATION WORKS.				
Western Jumna Canal.	At Dádupur	4·50	2·99	6,430	3,417
	Main Line, Major Distributaries	...	...	530	161
	Ditto Escapes	...	...	...	74
	Sirsa Branch	8·9	3·52	1.790	755
	Delhi Branch	8·2	6·28	1,725	1,085
	Hánsi Branch	8·70	4·39	2,190	869
	Loss in Main Line	...	...	...	473
	Total ...	...	...	...	3,417
	Deduct Escapage	...	...	...	80
	Net utilized ...	...	...	...	3,337
Sirhind Canal.	Main Line	12·0	6·48	8,500	3,512
	Abohar Branch	8·0	2·29	3,155	746
	Bhatinda "	7·1	2·33	2,306	497
	Feeders	11·0	7·28	3,080	1,931
	Loss in Main Line	...	...	...	338
	Total ...	...	...	...	3,512
	Deduct British Escapes	...	...	...	75
	Net utilized ...	...	...	...	3,437
Upper Bari Doab Canal.	Head Gauge, Rapid No. 2	4·42	3·14	4,800	3,060
	Salampur Feeder	4·70	0·81	1,900	242
	Total entering canal ...	...	...	6,700	3,302
	Kasúr Branch at Malliáni Fall	3·62	1·54	807	291
	Sobráon Branch at Sathiáli Fall	6·41	0·91	971	134
	Main Line and Main Branch, Upper Distributaries ...	...	...	...	98
	Main Branch, Lower	4·98	3·6	2,559	1,724
	Lahore Branch	3·25	1·57	1,225	511
	Absorption	...	...	...	544
	Total ...	...	...	...	3,302
	Deduct Escapage	...	...	...	57
	Net utilized ...	...	...	...	3,245

PUNJAB, IRRIGATION BRANCH.

of 1918 up to 30th April 1918.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* April 1918.	Area irrigated *to end of* April 1918.	Area irrigated *to end of* April 1917.	
6	7	8	9	10	11	12	13	14	15
Ambála ...	198	40	0·38	0·70	Sugarcane ...	33,147	33,147	44,829	The canal was in flow throughout the month.
Karnál ...	12,535		0·24	0·35	Rice ...	...	...	2	
Rohtak ...	23,426		0·25	0·12	Cotton ...	3,133	3,133	4,496	
Delhi ...	2,569		0·23	0·10	Indigo ...	...	...	19	
Hissár ...	7,293		0·20	0·19	Maize ...	...	...	...	
Jínd ...	914		0·37	0·30	Jowar and Chari	1	1	22	
Bikáner ...	4	20	0·24	0·32	Miscellaneous	11,225	11,225	15,815	
Kalsia ...	55	...	...	...				64,913	
Patiála ...	512	26	0·39	0·53					
...	47,506	...	...	...	...	* 47,506	* 47,506	* 64,913	
Ludhiána ...	169	35	0·43	1·09	Sugarcane ...	3,812	3,812	3,680	The canal was in flow for 21 days during the month.
Ferozepore ...	6,104		0·33	0·87	Rice ...	...	...	...	
Hissar ...	59		...	...	Cotton ...	853	852	575	
Farídkot State	2,855		...	...	Indigo ...	...	...	9	
Patiála State...	1,226		0·34	0·52	Maize ...	4	4	2	
Nábha State...	1,284				Jowar and Chari	168	168	364	
Jínd State ...	336				Miscellaneous	7,125	7,125	7,195	
Kalsia State...	118		...	...					
...	11,961	...	...	...	...	† 11,961	† 11,961	† 11,825	
Gurdáspur ...	2,242	39	0·67	3·15	Sugarcane ...	9,633	9,633	15,533	The canal was in flow for 26 days during the month.
Amritsar ...	10,164		0·48	1·05	Rice ...	5	5	3	
Lahore ...	43,577		0·40	0·77	Cotton ...	8,516	8,516	10,924	
					Indigo ...	...	...	...	
					Maize ...	368	368	467	
					Jowar and Chari	2,918	2,918	4,479	
					Miscellaneous	34,543	34,543	43,111	
...	55,983	...	...	...	...	55,983	55,983	74,517	

* Includes the following areas irrigated in the Native States of Patiála and Jínd :—

	During April 1918.	*To end of* April 1918.	*To end of* April 1917.
Patiála State, Sirsa Branch	512 acres.	512 acres.	677 acres.
Jínd State, Hánsi Branch	914 "	914 "	1,660 "

† Includes the following areas irrigated by the Native States Branches :—

	During April 1918.	*To end of* April 1918.	*To end of* April 1917.
Patiála State	720 acres.	720 acres.	2,325 acres.
Nábha State	897 "	897 "	1,135 "
Jínd State	304 "	304 "	336 "
Total ...	1,921 "	1,921	3,796

Irrigation Operations of Fasl Kharif

	Canals.	Water distributed during April 1918.			
		Depth in Canal at regulating gauge.		*Gross consumption, cubic feet, per second.*	
		Authorized maximum gauge.	Actual throughout April 1918.	Authorized full supply.	Actual average throughout April 1918.
	1	2	3	4	5
	MAJOR IRRIGATION WORKS—continued.				
Lower Bari Doab Canal.	Supply at head Balloki	9·6	4·6	6,750	3,671
	Add—Share of loss by absorption in Main Line, Upper and Lower, Upper Chenab Canal, debitable to Lower Bari Doab Canal.	...	...	...	217
	Total ...	...	...	...	3,888
	Deduct Escapage	...	...	...	132
	Net supply utilized	...	...	...	3,756
Upper Chenab Canal.	Main Line, Upper, at R.D. 83,500 feet (Sambriál) ...	11·77	6·78	11,742	4,374
	Main Line, Lower, at Bambanwála	...	...	...	3,968
	Nokhar Branch	...	...	...	...
	Raya Branch	...	...	...	...
	Loss by absorption	...	...	...	406
	Total	...	...	...	4,374
	Deduct—Passed on to River Ravi ... 2,954 }	...	...	...	3,171
	" Share of loss by absorption in Main Line, debitable to Lower Bari Doab Canal. 217 }	...	...	...	
	" Escapage	...	...	...	...
	Net supply utilized ...	...	...	...	1,203
Lower Chenab Canal.	Main Line	11·6	10·08	10,780	7,986
	Kot Nikka Branch	4·3	2·65	307	82
	Mián Ali "	9·0	6·99	574	392
	Rakh "	5·7	7·29	1,113	928
	Jhang Branch { Upper	9·0	7·32	2,942	867
	Jhang Branch { Lower	7·0	6·24	1,244	967
	Bhawána Branch	6·0	4·75	422	291
	Gugera Branch (including Burála Branch)	10·0	8·40	4,636	3,972
	Distributaries of Main Line	...	...	590	63
	Loss in Main Line	...	...	268	424
	Total ...	...	...	...	7,986
	Deduct Escapage	...	...	...	88
	Net utilized ...	...	...	...	7,898
Upper Jhelum Canal.	Jaggu at R. D. 123,000 feet, Main Line	9·6	7·37	8,380	5,194
	(a) Gujrat Branch	7·1	2·71	2,132	616
	(b) Main Line Distributaries	...	...	...	59
	(c) Loss by absorption (10 per cent. of (a) + (b)) ...	...	...	...	68
	Passed on to River Chenab at R. D. 418,500 feet, Main Line	...	...	...	4,451
	Total ...	...	...	...	5,194
	Deduct Escapage	...	...	...	...
	Net utilized (a) + (b) + (c) ...	...	...	...	743
Lower Jhelum Canal.	Main Line	8·9	7·87	3,750	3,205
	Northern Branch	7·0	5·1	1,750	1,391
	Southern Branch	5·5	4·5	1,274	1,081
	Southern Feeder	5·7	4·7	390	268
	Main Line Distributaries	...	...	...	156
	Loss in Main Line	...	...	...	309
	Total ...	...	...	...	3,205
	Deduct Escapage	...	...	...	158
	Net utilized ...	...	...	...	3,047

of 1918 up to 30th April 1918—continued.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* April 1918.	Area irrigated *to end of* April 1918.	Area irrigated *to end of* April 1917.	
6	7	8	9	10	11	12	13	14	15
Lahore ...	161	Not	reported.		Sugarcane ...	3,030	3,030	3,825	The canal was in flow for 23 days during the month.
Montgomery...	45,281				Rice ...	4	4	...	
Multán ...	20,274				Cotton ...	41,535	41,535	25,965	
					Indigo ...	5	5	15	
					Maize ...	446	446	325	
					Jowar and Chari.	1,345	1,345	1,482	
					Miscellaneous	19,351	19,351	22,933	
...	65.716	...	...	...	...	65,716	65,716	54,536	
Lahore ...	211	Not	reported.		Sugarcane ...	3,637	3,637	3,097	The canal was in flow for 23 days during the month.
Lyallpur .	5,380				Rice ...	2	2	...	
Gujránwála ...	23,432				Cotton ...	6,325	6,325	5,730	
Siálkot ...	23				Indigo ...	...	...	...	
					Maize ...	64	64	100	
					Jowar and Chari.	1,102	1,102	2,229	
					Miscellaneous	17,916	17,916	15,986	
...	29,046	...	...	...	...	29,046	29,046	27,042	
Gujránwála...	31,819	31	0·46	2·14	Sugarcane ...	48,466	48,466	53,089	The canal was in flow for 24 days during the month.
Jhang ...	26,198	31	0·34	1·61	Rice ...	...	...	...	
Lyalipur ...	157,001	14	0·64	0·88	Cotton ...	92,128	92,128	82,967	
					Indigo ...	39	39	148	
					Maize ...	699	699	841	
					Jowar and Chari.	13,646	13,646	19,558	
					Miscellaneous	60,040	60,040	56,459	
...	215,018	...	...	...	...	215,018	215,018	213,062	
Shahpur ...	59	Not	reported.		Sugarcane ...	1,043	1,043	657	The canal was in flow for 26 days during the month.
Gujrát ...	12,823				Rice ...	...	...	...	
					Cotton ...	5,172	5,172	3,504	
					Indigo ...	...	...	...	
					Maize ...	11	1ɪ	76	
					Jowar and Chari.	207	207	360	
					Miscellaneous	6,449	6,449	7,251	
...	12,882	...	...	...	...	12,882	12,882	11,849	
Shahpur ...	14,945	16	0·8	2·03	Sugarcane ...	3,665	3,665	4,792	The canal was in flow for 19 days during the month.
Jhang ...	5,925	15	0·7	1·35	Rice ...	...	...	...	
Gujrát ...	800	...	...	...	Cotton ...	24,332	24,332	25,445	
					Indigo ...	...	...	...	
					Maize ...	10	10	40	
					Jowar and Chari.	2,824	2,824	4,364	
					Miscellaneous	17,839	17,839	20,498	
...	48,670	...	...	...	...	48,670	48,670	55,139	

Irrigation Operations of Fasl Kharif

Canals.	Water distributed during April 1918. Depth in Canal at regulating gauge. Authorized maximum gauge.	Actual throughout April 1918.	Gross consumption, cubic feet per second. Authorized full supply.	Actual average throughout April 1918.
1	2	3	4	5
MAJOR IRRIGATION WORKS—concluded.				
Upper Sutlej Inundation Canals. Lower Sohág and Pára Canal	7·0	...	1,420	...
Katora Canal	7·0	...	685	...
Khánwáh Canal	7·0	...	1,290	...
Upper Sohág Canal	7·0	...	1,540	...
Total ...	...	...	...	...
Sidhnai Canal	7·0	3·4	1,820	350
Subsidiary Canals	12·3	1·4	540	46
Total ...	...	...	...	...
Indus Inundation Canals	...	...	...	...
Total ...	...	...	...	...
Abstract—Major Irrigation Works—				
Western Jumna Canal	...	...	...	...
Sirhind Canal	...	...	...	...
Upper Bari Doab Canal	...	...	...	...
Lower Bari Doab Canal	...	...	...	...
Upper Chenab Canal	...	...	...	...
Lower Chenab Canal	...	...	...	...
Upper Jhelum Canal	...	...	...	...
Lower Jhelum Canal	...	...	...	...
Upper Sutlej Inundation Canals	...	...	...	...
Sidhnai Canal	...	...	...	...
Indus Inundation Canals	...	...	...	...
Total ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Shahpur Canals (Imperial). Eastern Station Canal	6·0	...	350	...
Western Station Canal	16·0	...	200	...
Sáhiwál Canal	8·0	...	550	...
Total ...	...	...	...	...

of 1918 up to 30th April 1918—continued.

Land irrigated (approximate).		Rainfall.			Chief crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* April 1918.	Area irrigated *to end of* April 1918.	Area irrigated *to end of* April 1917.	
6	7	8	9	10	11	12	13	14	15
Montgomery ...	...	25	0·30	0·23	Sugarcane ...	...	...	...	
Lahore ...			0·36	0·92	Rice ...				
					Cotton ...				
					Indigo ...				
					Maize ...				
					Jowar and Chari				
					Miscellaneous				
...	...	...	...	...	...	...	...	...	
Multán ...	35,029	56	0·30	1·51	Sugarcane ...	249	249	...	
					Rice ...	...	...	...	
					Cotton ...	15,320	15,320	...	
					Indigo ...	237	237	...	
					Maize ..	5	5	...	
					Jowar and Chari	474	474	...	
					Miscellaneous	18,744	18,744	...	
...	35,029	...	...	...	...	35,029	35,029	...	
D. G. Khan ...	...	10	0·72	1·14	Sugarcane ...	...	...	...	
					Rice ...				
					Cotton ...				
					Indigo ...				
					Maize ...				
					Jowar and Chari				
					Miscellaneous				
...	...	...	...	...	...	...	...	...	
...	47,506	...	...	...	...	47,506	47,506	[illegible]4,91	
...	11,961	...	...	...	...	11,961	11,961	[illegible]	
...	55,983	...	...	...	...	55,983	55,983	74,517	
...	65,716	...	...	...	...	75,716	65,716	54,5[illegible]6	
...	29,046	...	...	...	...	29,046	29,046	27,042	
...	215,018	...	...	...	...	215,018	215,018	213,0[illegible]2	
...	12,882	...	...	...	...	12,882	12,882	11,81[illegible]	
...	48,670	...	...	...	...	48,670	48,670	55,139	
...	...	...	...	...	...	...	...	...	
...	35,029	...	...	...	...	35,029	35,029	...	
...	...	...	...	...	...	...	...	...	
...	521,811	...	...	...	...	521,811	521,811	512,882	
Shahpur ...	...	29	0·64	1·72	Sugarcane ...	...	...	...	
					Rice ...				
					Cotton ...				
					Indigo ...				
					Maize ...				
					Jowar and Chari				
					Miscellaneous				
...	...	...	...	...	...	...	...	...	

Irrigation Operations of Fasl Kharif

Canals.	Water distributed during April 1918. Depth in Canal at regulating gauge. Authorized maximum gauge.	Depth in Canal at regulating gauge. Actual throughout April 1918.	Gross consumption, cubic feet per second. Authorized full supply.	Gross consumption, cubic feet per second. Actual average throughout April 1918.
1	2	3	4	5
MINOR IRRIGATION WORKS—concluded.				
Lower Sutlej Inundation Canals	...	...	...	...
Chenab Inundation Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals. Northern Canal Head	7·0	...	790	...
Southern „	6·5	...	520	...
Minor Channels	...	...	100	...
Total utilized ...	...	...	1,410	...
Bikâner Border.				
Northern Canal	6·0	...	235	...
Southern „	5·0	...	316	...
Total Bikaner ...	...	...	551	...
Utilized in British Territory	...	...	859	...
Total ...	...	...	1,410	...
Abstract—Minor Irrigation Works—				
Shahpur Canals (Imperial) ...				
Lower Sutlej Inundation Canals	...	...	...	...
Chenab Inundation Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals	...	...	...	...
Total ...	...	...	...	...
Shahpur Canals (Provincial). Eastern Feeder, Raniwah Canal	7·0	4·75	300	203
Western „ „	7·0	5·0	520	314
Corbynwah Canal	5·0	4·0	112	125
Total ...	...	...	...	...
Total Major Irrigation Works ...	...	...	...	...
Total Minor Irrigation Works ...	...	...	...	...
Total Major and Minor Irrigation Works (Imperial)	...	...	...	...
Shahpur Canals (Provincial)	...	...	...	...
Grand Total ...	...	...	...	...

Simla:
The 22nd May 1918.

of 1918 up to 30th April 1918—concluded.

Land irrigated (approximate). Zillah.	Acres.	Rainfall. Number of years on which average is struck.	Average.	During month.	Chief crops (approximate). Name.	Area irrigated *during* April 1918.	Area irrigated *to end of* April 1918.	Area irrigated *to end of* April 1917.	Remarks.
6	7	8	9	10	11	12	13	14	15
Multán ...	...	56	0·25	0·94	...	...	...	...	
	50	56	0·22	0·77	...	50	50	...	
Muzaffargarh	...	5	0·28	0·67	...	...	...	93	
Hissar ...	...	...	...	...	Sugarcane ... Rice ... Cotton ... Indigo ... Maize ... Jowar and Chari. Miscellaneous	...	...	...	
Bikáner State	...	...	...	...					
...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	
...	50	...	...	...	...	50	50	...	
...	...	...	...	...	...	...	...	93	
...	...	...	...	...	...	...	...	...	
...	50	...	...	...	...	50	50	93	
Shahpur ...	508	29	0·64	1·72	Sugarcane ...	...	...	...	
					Rice ...	...	...	...	
					Cotton ...	...	...	...	
					Indigo ...	...	...	...	
					Maize ...	...	...	...	
					Jowar and Chari.	...	...	...	
					Miscellaneous	508	508	...	
					Fallow land ...	...	...	...	
...	508	...	...	...	Total ...	508	508	...	
...	521,811	...	...	...	...	521,811	521,811	512,883	
...	50	...	...	...	...	50	50	93	
...	521,861	...	...	...	...	521,861	521,861	512,975	
...	508	...	...	...	...	508	508	...	
...	522,369	...	...	...	...	522,369	522,369	512,975	

A. SAM. CORRIGAN,

Assistant Secretary to Government, Punjab,

P. W. D., Irrigation Branch.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 18th May 1918.

No	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	[illegible]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ..	17,162	7	4	11	25	9	16	..	3	2	11	1	...	...	8	3	3	6	33	[illegible]
2		Hánsi ...	Statement returned for correction.																			
3		Bhiwáni ..	31,100	11	6	17	47	23	24	...	.	13	8	2	3	...	21	5	7	12	29	[illegible]
4		Sirsa ...	14,329	2	5	7	4	1	3	..	...	...	1	...	1	...	2	..	1	1	25	[illegible]
5	Rohtak ...	Rohtak ..	19,862	10	8	18	22	12	10	...	...	1	10	1	1	..	9	5	3	8	48	[illegible]
6		Jhajjar ..	10,617	4	2	6	24	10	14	...	2	7	3	1	1	...	10	4	6	10	30	[illegible]
7		Sonepat ..	12,014	10	11	21	20	11	9	...	...	...	8	2	...	..	10	4	5	9	91	[illegible]
8	Gurgaon ..	Rewári ..	24,780	5	3	8	49	23	26	...	...	12	1	4	9	...	23	2	...	2	17	[illegible]
9	Karnál ..	Karnál ..	21,018	5	12	17	29	16	13	...	.	...	19	2	4	...	4	2	3	5	42	[illegible]
10		Kaithal ..	12,912	7	5	12	9	6	3	...	..	...	5	...	...	...	4	2	3	5	49	[illegible]
11		Pánipat ..	26,342	12	15	27	13	9	4	...		...	4	2	...	...	7	6	...	6	54	[illegible]
12		Shahabad ..	11,054	7	2	9	7	3	4	...	1	1	...	2	1	...	2	...	...	...	43	[illegible]
13	Ambála ...	Ambála ..	24,493	12	6	18	18	11	7	...	.	3	12	...	3	...	...	3	5	8	38	[illegible]
14		Jagádhri ..	12,045	1	3	4	7	4	3	...	...	...	2	...	1	...	4	3	2	5	17	[illegible]
15	Hoshiárpur ...	Hoshiárpur ...	16,930	9	10	19	27	12	15		...	2	11	...	7	..	7	3	6	9	58	[illegible]
16	Jullundur ..	Jullundur ..	55,354	12	25	37	64	25	39	...	1	29	14	1	12	1	6	5	8	13	35	[illegible]
17	Ludhiána ...	Ludhiána ..	43,152	14	20	34	47	18	29	...	..	...	19	2	5	1	20	8	7	15	41	[illegible]
18		Jagraon ..	15,039	5	6	11	16	8	8	...	...	3	5	1	2	...	5	1	3	4	38	[illegible]
19	Ferozepore ...	Ferozepore ..	24,678	6	6	12	19	10	9	...	...	...	10	...	2	...	7	5	...	5	25	[illegible]
20		Fázilka ..	10,987	2	2	4	12	4	8	..	...	3	1	...	1	...	7	2	4	6	19	[illegible]
21	Lahore ...	Lahore ..	210,271	46	56	102	153	80	73	...	...	2	86	4	33	4	24	24	21	45	25	[illegible]
22		Kasúr ..	24,783	6	6	12	34	17	17	...		12	13	1	2	2	4	2	1	3	25	[illegible]
23	Amritsar ..	Amritsar ..	151,339	41	34	75	171	90	81	..	...	18	62	6	57	1	27	14	8	22	20	[illegible]
24	Gurdáspur ...	Batála ..	26,430	6	9	15	14	4	10	...	...	...	8	...	6	..	...	2	3	5	30	[illegible]
25	Siálkot ..	Siálkot ..	48,595	22	15	37	38	16	22		...	3	11	1	7	...	16	7	7	14	40	[illegible]
26	Gujránwála ...	Gujránwála ..	23,687	9	6	15	32	11	21	...	...	...	19	3	4	...	6	2	2	4	27	[illegible]
27		Wazírabad ...	17,146	3	4	7	9	5	4	...	...	...	7	1	...	...	1	...	1	1	21	[illegible]
28	Gujrát ...	Gujrát ..	18,692	6	8	14	16	9	7	...	...	...	12	1	2	...	1	3	1	4	39	[illegible]
29		Jalálpur ..	11,615	3	5	8	12	3	9	..	...	...	9	...	1	...	2	3	4	7	31	[illegible]

Weekly return of births and deaths, &c.—concluded.

No.	District.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur	Bhera ...	15,202	11	9	20	24	8	16	...	1	7	5	1	1	...	9	5	6	11	68	82	30
31		Khushâb ...	10,159	2	1	3	7	5	2	...	...	3	1	...	2	...	1	...	...	...	15	36	31
32	Jhelum	Jhelum ...	12,298	8	8	16	8	4	4	...	...	2	2	...	1	...	3	...	1	1	67	34	32
33		Pind Dádan Khan	10,590	1	1	2	18	10	8	...	...	15	...	...	2	...	1	...	...	...	10	89	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	18	11	29	38	27	11	1	...	...	14	7	10	...	6	9	2	11	32	47	34
35	Lyallpur ...	Lyallpur ...	19,578	6	5	11	7	3	4	...	...	...	3	1	...	...	3	...	1	1	29	19	35
36	Jhang ...	Jhang-Maghiána	25,914	6	9	15	23	11	12	...	...	4	5	3	...	...	11	4	4	8	30	46	36
37		Chiniot ...	14,085	11	3	14	12	6	6	...	...	...	6	2	...	...	4	4	2	6	51	44	37
38	Multán ...	Multan ...	85,747	20	9	29	66	31	35	...	1	19	32	1	6	...	7	2	5	7	18	40	38
		Grand Total	1,181,939	366	350	716	1,141	555	586	1	9	161	439	53	187	9	282	144	135	279	32	50	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934					Statement not received															
	Dharmsala	... ...	2,518	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ...	... ...	928	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	2	...	2	1	1	...	...	...	...	...	...	1	...	...	...	...	...	71	33	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 18th May 1918 there were 716 births registered in the 37 large municipal towns (366 males and 350 females), giving a birth rate of 32 *per mille* of population, and 1,141 deaths were registered (555 males and 586 females), giving a death rate of 50 *per mille* of population. The death rates registered in the three largest towns were as follows—Lahore 38 against 33 in the corresponding week of the previous year, Amritsar 59 against 30 and Multán 40 against 30.

There were 3 deaths registered from small-pox in Hissar, 2 in Jhajjar and 1 each in Shahabad, Jullundur, Bhera and Multán. Of the 161 deaths from plague, 29 were reported in Jullundur, 19 in Multán, 18 in Amritsar, 15 in Pind Dádan Khan, 13 in Bhiwáni, 12 each in Rewári and Kasúr, 7 each in Jhajjar and Bhera, 4 in Jhang-Maghiána, 3 each in Ambála, Jagraon, Fázilka, Siálkot and Khushâb, 2 each in Hissar, Hoshiárpur, Lahore and Jhelum, and 1 each in Rohtak and Shahabad. Only 1 death was recorded from Cholera in Ráwalpindi.

Sanitary Commissioner's Office,
Lahore:
The 29th May 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

41 PG 3-650 31-5 18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 23.] LAHORE, FRIDAY, JUNE 7, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 4th June 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
1	Hissar ...	0·21 at Sadr ... 0·26 at Tohana ...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 9½ ... Gram, 14½. Bajra, 9¾. Bejhar, 14¾. Prices between normal and warning rates.	Threshing of rabi crops almost finished. Yield normal. Irrigated extra spring crops in good condition; they are being harvested.	Sowings of irrigated cotton commenced.
2	Rohtak ...	0·13 at Sadr ... 0·10 at Sámpla. 0·09 at Jhajjar. 0·01 at Sonepat.	1. Adequate ... 2. (a) Scarce in places. (b) Sufficient. 3. Generally good.	Wheat, 10 ... Gram, 14. Barley, 15. Jowar, 13. Bajra, 10. Prices between normal and warning rates.	Extra spring crops average. Yield of spring crops generally good.	Sowings of irrigated cotton continue, and are below normal. Cotton already sown in average condition.

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No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
3	Gurgaon ...	...	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 10½ to 14... Barley, 13 to 17. Gram, 14½ to 16. Jowar, 8 to 11. Bajra, 10 to 16. Maize, 10. Prices are generally at above normal rates or are between normal and warning rates.	Extra spring crops good. Expected yield average.	...
4	Ambála ...	0·84 at Sadr ... C·58 at Jagádhri. 0·12 at Kharar. 1·00 at Kasauli.	1. Generally sufficient 2. (b) Adequate. 3. Good.	Wheat, 9¾ ... Gram, 11¾. Barley, 13. Maize, 11. Bajra, 9¾. Prices generally between normal and warning rates.	Rain was useful for extra spring crops which are good on irrigated area and fair on unirrigated area. Expected yield average.	Rain was useful for ploughings which are in progress to normal extent. Condition of irrigated sugarcane good and of unirrigated cane fair.
5	Jullundur ...	0·34 at Sadr ... 0·47 at Nakodar. 1·72 at Phillaur. 0·35 at Nawashahr.	1. Sufficient ... 2. (a) Adequate. 3. Generally good.	Wheat, 10½ ... Gram, 11½. Barley, 13. Maize, 11¼. Prices between normal and scarcity rates.	Rain was beneficial for standing extra spring crops which are in good condition. Threshing of spring crops nearly completed. Yield disappointing on irrigated area and better than expected on unirrigated area.	Sowings of cotton finished. Condition of sugarcane and cotton good.
6	Ferozepore ...	...	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 10 ... Gram, 13. Prices between normal and warning rates.	Threshing of spring crops continues. Yield normal. Extra spring crops satisfactory.	Standing crops satisfactory.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 9 ... Gram, 12. Prices between normal and warning rates.	Standing extra spring crops good on irrigated area. Yield of irrigated wheat and gram normal and of unirrigated crops below normal.	Sowings of cotton and fodder continue and are below normal. Condition of standing irrigated crops good and of unirrigated crops average.
8	Amritsar ...	0·09 at Sadr ... 0·15 at Tarn Táran. 0·13 at Ajnála.	1. Sufficient ... 2. (b) Canals flowing by rotations; supply sufficient. 3. Good.	Wheat, 9¼ ... Barley, 14. Gram, 11½. Maize, 9¼. Jowar, 6. Bajra, 8. Prices between warning and scarcity rates or at above scarcity rates.	Yield of wheat below normal. Standing extra spring crops good on irrigated area and average on unirrigated area.	Sowings of cotton continue and are normal.
9	Siálkot ...	...	1. Sufficient ... 2. (a) Do. (b) Canals flowing. 3. Good.	Wheat, 9 to 10 ... Barley, 12½ to 13. Gram, 11¼ to 11½. Prices between normal and scarcity rates.	Extra spring crops average. Yield of wheat poor.	Standing crops average. Sowings continue and are normal.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of Spring.	Prospects of Autumn.
10	Shahpur ...	0·32 at Sadr ... 0·75 at Khusháb ... 0·24 at Shahpur ...	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 9¾ to 11 ... Gram, 13 to 15. Bajra, 12. Maize, 8 to 10. Prices generally between normal and warning rates.	Standing extra spring crops are good on irrigated areas and normal on unirrigated areas. Harvesting of wheat continues. Yield normal.	Sowings of cotton in Khusháb Tahsil and of jowar and bajra in Shahpur Tahsil continue to normal extent. Germination fair. Rain was useful.
11	Ráwalpindi ...	0·25 at Gujar Khan.	1. Sufficient ... 3. Good.	Wheat, 8½ ... Barley, 11¾ Gram, 10½. Maize, 10¾. Bajra, 10¾. Jowar, 6½. Prices generally between warning and scarcity rates.	Threshing of wheat continues. Yield good. Standing extra spring crops average.	Condition of standing crops average.
12	Miánwáli ...	...	1. Procurable ... 2. (a) Do. (b) Sufficient. 3. Good.	Wheat, 10¼ ... Gram, 14½. Bajra, 11. Jowar, 7. Prices generally between normal and warning rates.	Threshing of wheat continues. Yield good on irrigated area and normal on unirrigated area. Standing extra spring crops good on irrigated areas and average on unirrigated areas.	...
13	Lyallpur ...	...	1. Dry fodder abundant; green scarce. 2. (b) Satisfactory. 3. Good.	Wheat, 9¾ ... Barley 12. Gram, 12½. Prices generally between warning and scarcity rates.	Threshing of wheat continues. Outturn good.	Sowings of fodder continue and are normal. Cotton damaged by insects in Jaránwála and Lyallpur Tahsils and was resown.
14	Multán ...	...	1. Available ... 2. (b) Sufficient. 3. Fair.	Wheat, 10 ... Barley, 13. Gram, 11½. Jowar 5½. Bajra, 8½. Maize, 8¾. Prices between warning and scarcity rates or at above scarcity rates.	Condition of extra spring crops good in Shujábad Tahsil and normal elsewhere.	Standing crops good in Shujábad Tahsil and normal elsewhere. Sowings of cotton, jowar, indigo, etc., continue, and are normal.

GENERAL REMARKS.

LIGHT showers fell in some south-eastern and central districts and proved useful for standing extra spring crops and for kharif sowings. Threshing of wheat continues in some districts. Yield generally good on irrigated area and below normal to normal on unirrigated area. Sowings of cotton and other autumn crops continue and are normal. Standing extra spring and autumn crops are average to good. Cattle are generally healthy, and fodder and water sufficient. Prices are generally stationary but have a slight upward tendency. They range generally between normal and warning rates. Prices of wheat:—Ráwalpindi 8½, Ferozepore 10, Ambála and Lyallpur 9¾ and Lahore 9 seers per rupee.

B. D. SINGH,

for *Director of Land Records, Punjab.*

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 25th May 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	17,162	10	3	13	19	8	11	...	...	...	9	2	1	...	7	3	2	5	40	58
2		Hánsi ...	14,576	5	7	12	29	12	17	...	...	14	3	1	2	...	9	4	4	8	43	104
3		Bhiwáni ...	31,100	8	11	19	27	11	16	...	...	2	10	1	...	...	14	4	1	5	32	45
4		Sirsa ...	14,629	5	8	13	12	4	8	...	...	...	8	...	2	...	2	3	3	6	46	43
6	Rohtak ...	Rohtak ...	19,862	10	9	19	18	8	10	...	...	..	7	3	2	..	6	3	7	10	50	48
6		Jhajjar ...	10,617	3	6	9	17	5	12	...	2	...	3	...	...	...	12	1	5	6	44	84
7		Sonepat ...	12,014	9	3	12	26	11	15	...	...	...	10	2	2	...	12	7	7	14	52	113
8	Gurgaon ...	Rewári ...	24,780	7	4	11	34	19	15	...	...	6	5	1	4	...	18	3	...	3	23	71
9	Karnál ...	Karnál ...	21,018	9	10	19	23	13	10	...	...	...	11	4	...	...	8	6	4	10	47	57
10		Kaithal ...	12,912	4	4	8	8	5	3	...	...	...	2	...	...	...	6	4	1	5	33	33
11		Pánipat ...	26,342	15	15	30	15	8	7	...	1	...	10	...	1	...	3	4	4	8	60	30
12		Shahabad ...	11,054	7	6	13	10	6	4	...	1	2	...	3	1	...	3	1	...	1	62	48
13	Ambála ...	Ambála ...	24,493	10	7	17	5	3	2	...	...	...	2	1	...	...	2	1	...	1	36	11
14		Jagádhri ...	12,045	4	3	7	7	3	4	...	...	...	4	1	2	...	...	1	3	4	30	30
15	Hoshiárpur ...	Hoshiárpur ...	16,980	2	7	9	8	4	4	...	...	...	5	...	1	...	2	1	1	2	27	24
16	Jullundur ...	Jullundur ...	55,354	20	14	34	48	27	21	...	...	13	12	2	17	...	4	8	3	11	32	45
17	Ludhiána ...	Ludhiána ...	43,152	14	14	28	37	21	16	...	...	1	20	4	2	...	10	4	4	8	34	45
18		Jagraon ...	15,039	5	5	10	11	7	4	...	...	3	3	...	1	...	4	2	2	4	35	38
19	Ferozepore ...	Ferozepore ...	24,678	3	3	6	14	8	6	...	...	...	12	...	...	...	2	1	2	3	13	29
20		Fázilka ...	10,985	3	2	5	12	3	9	...	...	1	4	...	2	...	5	...	3	3	24	57
21	Lahore ...	Lahore ...	210,271	51	49	100	136	74	62	...	...	...	81	8	24	4	19	30	16	46	25	34
22		Kasúr ...	24,783	8	5	13	17	8	9	...	...	3	4	...	3	1	6	...	4	4	27	36
23	Amritsar ...	Amritsar ...	151,339	35	30	65	144	81	63	...	...	7	49	7	58	4	19	12	6	18	22	50
24	Gurdáspur ...	Batála ...	26,430	8	7	15	15	7	8	...	...	...	9	2	1	...	3	...	2	2	30	30
25	Siálkot ...	Siálkot ...	48,595	12	10	22	30	15	15	...	...	2	9	...	9	...	10	8	6	14	24	32
26	Gujránwála	Gujránwála ...	28,687	5	8	13	27	18	9	...	...	...	10	1	6	...	10	6	1	7	24	49
27		Wazírabad ...	17,146	5	1	6	6	2	4	...	...	...	4	1	1	...	...	...	...	...	18	18
28	Gujrát ...	Gujrát ...	18,692	1	4	5	10	4	6	...	...	...	6	...	3	...	1	1	3	4	14	28
29		Jalálpur ...	11,615	4	3	7	7	4	3	...	...	...	4	...	3	...	...	3	1	4	31	31

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	...	...	...	16	9	7	...	...	4	2	1	3	...	6	1	3	4	...	54	30
31		Khusháb ...	10,159	2	4	6	4	2	2	...	...	3	...	1	...	...	...	...	...	...	31	20	31
32	Jhelum ...	Jhelum ...	12,298	4	4	8	6	2	4	...	...	...	1	1	3	...	1	...	1	1	34	25	32
33		Pind Dádan Khan	10,590	1	2	3	7	5	2	...	...	2	4	...	1	...	...	...	...	...	15	34	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	14	15	29	21	11	10	...	...	1	8	1	4	1	6	2	6	8	32	23	34
35	Lyallpur ...	Lyallpur ...	19,578	2	1	3	2	...	2	...	...	...	...	1	...	...	1	...	2	2	8	5	35
36	Jhang ...	Jhang-Maghiána	25,914	9	12	21	20	10	10	...	...	4	5	3	...	...	8	3	2	5	42	40	36
37		Chiniot ...	14,085	7	12	19	7	3	4	...	...	...	1	1	...	...	5	1	2	3	70	26	37
38	Multán ...	Multán ...	85,747	11	13	24	43	13	30	...	...	7	14	3	7	...	12	2	6	8	15	25	38
	Grand Total ...		1,196,515	332	321	653	898	454	444	...	4	75	351	56	166	10	236	130	117	247	28	39	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	2	3	5	10	8	2	...	...	...	6	...	3	...	1	1	...	1	14	27	
	Dharmsála	... ...	2,518	...	...	...	4	3	1	...	...	...	3	...	1	...	...	...	1	1	...	82	
	Dalhousie ...	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	1	2	3	2	...	2	...	...	...	2	...	...	...	...	...	1	1	107	71	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 25th May 1918 there were 653 births registered in the 38 large municipal towns (332 males and 321 females), giving a birth rate of 28 *per mille* of population, and 898 deaths were registered (454 males and 444 females), giving a death rate of 39 *per mille* of population. The death rates registered in the three largest towns were as follows:—Lahore 34 against 32 in the corresponding week of the previous year, Amritsar 50 against 34 and Multán 26 against 23.

There were 2 deaths registered from small-pox in Jhajjar and 1 each in Pánipat and Shahabad. Of the 75 deaths from plague, 14 were reported in Hánsi, 13 in Jullundur, 7 each in Amritsar and Multán, 6 in Rewári, 4 each in Bhera and Jhang-Maghiána, 3 each in Jagraon, Kasúr and Khusháb, 2 each in Bhiwáni, Shahabad, Siálkot and Pind Dádan Khan, and 1 each in Ludhiána, Fázilka and Ráwalpindi.

Sanitary Commissioner's Office,
Lahore:
The 4th June 1918.

W. H. MILLS, Supdt.,
for Sanitary Commissioner, Punjab.

527 PGG—650—7-6-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 24.] LAHORE, FRIDAY, JUNE 14, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 11th June 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
1	Hissar ...	0·52 at Fatehábad 0·10 at Hánsi. 0·15 at Bhiwáni. 0·73 at Tohána.	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 9½ ... Gram, 14½. Bajra, 9½. Bejhar, 14½. Prices between normal and warning rates.	Threshing of rabi crops almost finished. Yield normal. Irrigated extra spring crops in good condition. They are being harvested.	Sowings of irrigated cotton continues and are normal.
2	Rohtak ...	0·29 at Sadr ... 0·53 at Jhajjar. 2·37 at Gohána. 2·32 at Sonepat.	1. Adequata ... 2. (a) Adquate. 3. Generally good.	Wheat, 10½ ... Gram, 14½. Barley, 14. Jowar, 11. Bajra, 11. Prices between normal and warning rates.	Harvesting of wheat nearly completed. Yield average. Standing extra spring crops are in average to good condition.	Sowings of cotton and bajra took place at some places and are early and below normal. Condition of cotton and sugarcane is average to good.

563 PGG

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
3	Gurgaon ...	1·61 at Sadr ... 0·10 at Rewári. 0·98 at Núh. 0·54 at Palwal. 1·09 at Ballabgarh.	1. Sufficient ... 2. (b) Canal running. 3. Good.	Wheat, 10 to 12 ... Barley, 13 to 16½. Gram, 14½ to 16¾. Jowar, 6 to 11. Bajra, 9½ to 16. Maize, 12. Prices between normal and warning rates.	Standing extra spring crops in good condition. Yield expected to be average.	Rain insufficient for kharif sowings and more is wanted.
4	Ambála ...	0·57 at Sadr ... 1·73 at Jagádhri. 5·84 at Naráingarh. 0·98 at Kharar. 0·31 at Rúpar. 3·67 at Kasauli.	1. Generally sufficient 2. (a) Sufficient. (b) Adequate. 3. Good.	Wheat, 9¾ ... Gram, 11¾. Barley, 13. Maize, 11. Bajra, 9¾. Prices generally between normal and warning rates.	Extra spring crops good on irrigated areas and fair on unirrigated areas. Yield expected to be average.	Rain was useful for kharif sowings. Ploughings continue and are above normal. Condition of standing irrigated sugarcane good on irrigated areas and fair on unirrigated areas.
5	Jullundur ...	0·34 at Sadr ... 0·47 at Nakodar. 1·72 at Phillaur. 0·35 at Nawashahr.	1. Sufficient ... 2. (a) Adequate. 3. Generally good.	Wheat, 11 ... Gram, 12. Barley, 13. Maize, 11½. Prices generally between normal and warning rates.	Rain was beneficial for standing extra spring crops which are in good condition. Threshing of spring crops completed. Yield normal on irrigated areas and below normal on unirrigated areas.	Condition of sugarcane and cotton good.
6	Ferozepore ...	0·25 at Zira ... 0·26 at Moga.	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 10½ ... Gram, 13. Prices between normal and warning rates.	Threshing of spring crops finished. Yield normal. Standing extra spring crops satisfactory.	Standing crops satisfactory.
7	Lahore ...	0·52 at Sadr ... 0·40 at Kasur ...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 9 ... Gram, 12½. Prices between normal and warning rates.	Standing extra spring crops good on irrigated area.	Standing irrigated sugarcane good, but cotton slightly damaged by insect. Unirrigated crops average. Sowings of fodder continue, but are being damaged by locusts.
8	Amritsar ...	2·35 at Sadr ... 1·11 at Tarn Táran. 0·62 at Ajnála.	1. Sufficient ... 2. (b) Canals working by rotations; supply sufficient. 3. Generally good ...	Wheat, 9½ ... Barley, 13½. Gram, 11½. Maize, 9¼. Jowar, 5. Bajra, 7½. Prices between warning and scarcity rates or at above scarcity rates.	Standing extra spring crops good on irrigated areas and average on unirrigated areas.	Sowings of cotton continue and are normal.
9	Siálkot ...	1·42 at Sadr ... 1·11 at Daska ... 2·22 at Pasrur ... 1·25 at Zaffarwál...	1. Sufficient ... 2. (a) Do. (b) Canals flowing 3. Generally good.	Wheat, 8 & 9 ... Barley, 9½ & 9¾. Gram, 11 & 11½. Prices are generally at above scarcity rates.	Extra spring crops average.	Standing crops average.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
10	Shahpur ...	0·05 at Bhalwal ...	1. Sufficient ... 2. (b) Inundation and Lower Jhelum Canals flowing; supply sufficient. 3. Good.	Wheat, 10 to 10¼ ... Gram, 12½ to 14½. Bajra, 12. Maize, 8 to 10. Prices generally between normal and warning rates.	Harvesting of wheat continues. Yield normal. Standing extra spring crops are good on irrigated areas and normal on unirrigated areas.	More rain wanted. Sowings of cotton, jowar and bajra in Shahpur Tahsil continue to normal extent. Germination fair.
11	Ráwalpindi ...	0·56 at Kahúta ... 0·28 at Gujar Khan 1·00 at Murree.	1. Sufficient ... 3. Good.	Wheat, 7¼ ... Barley, 11¾. Gram, 10½. Maize, 11⅞. Bajra, 10¾. Jowar, 6¼. Prices generally between warning and scarcity rates.	Threshing of wheat continues. Yield good. Standing extra spring crops average.	Condition of standing crops average.
12	Miánwáli ...	...	1. Sufficient ... 2. (a) Generally available. (b) Sufficient. 3. Good.	Wheat, 10¼ ... Gram, 14½. Bajra, 12½. Jowar, 7. Prices generally between normal and warning rates.	Condition of extra spring crops good on irrigated areas and below normal on unirrigated areas.	Rain badly wanted.
13	Lyallpur ...	...	1. Dry fodder abundant; green scarce. 2. (b) Satisfactory. 3. Good.	Wheat, 9¾ ... Barley 13. Gram, 12¾. Prices generally between warning and scarcity rates.	Threshing of wheat finished. Outturn good.	Sowings of fodder crops continue and are normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai and all inundation canals flowing. Supply generally adequate. 3. Fair.	Wheat, 9¾ ... Gram, 11½. Maize, 8¾. Jowar 5¾. Prices between normal and scarcity rates or at above scarcity rates.	Harvesting of wheat completed. Yield average and condition of standing extra spring crops good in Shujábad Tahsil and normal elsewhere.	Sowings of cotton, jowar, indigo, etc., continue, and are normal.

GENERAL REMARKS.

LIGHT or moderate rain fell in all the reporting districts, except in a few western ones, and proved useful for extra spring crops and for kharif sowings. Threshing of wheat almost finished. Yield generally good on irrigated area and below normal to normal on unirrigated area. Sowings of cotton and other autumn crops continue and are normal. Standing extra spring and autumn crops are average to good. Yield of the former is expected to be average. Cattle are healthy, and fodder and water are sufficient. Prices are generally stationary, and range between normal and warning rates, except in some western districts, where they are between warning and scarcity rates. Prices of wheat:—Ráwalpindi 7½, Ferozepore 10¼, Lahore 9, and Ambála and Lyallpur 9¾ seers per rupee.

RAHIM BAKHSH,

Director of Land Records, Punjab.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE BY

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	9 8	9 0	10 0	13 8	13 0	15 0	...	...	...	‡	5 0	7 0
Rohtak	10 2	9 14	10 2	14 0	14 8	14 4	...	...	...	6 8	5 6	6 8
Gurgaon	10 8	10 8	10 8	14 0	14 0	14 4	...	...	...	6 0	6 0	8 0
Karnál	10 4	10 0	10 8	15 8	14 0	15 0	...	...	...	6 0	5 4	8 0
Ambála	10 0	10 0	10 8	13 4	13 4	14 8	...	...	...	7 2	7 2	8 12
Simla	7 8	7 14	8 12	9 0	9 0	12 8	...	...	...	5 0	4 8	6 12
JULLUNDUR.												
Kángra	8 8	6 8	8 4	9 0	9 0	13 0	...	...	...	6 12	7 0	8 4
Hoshiárpur	9 8	10 4	11 0	14 0	14 0	15 0	...	...	...	5 8	5 8	7 0
Jullundur	10 0	10 0	10 12	13 0	14 0	14 0	...	...	...	5 8	5 8	7 0
Ludhiána	10 0	10 0	10 8	13 12	13 8	15 0	...	...	...	5 8	5 8	6 0
Ferozepore	10 0	10 0	10 8	14 0	14 0	14 0	...	...	...	5 8	6 8	7 0
LAHORE.												
Lahore	8 12	9 8	10 0	13 0	13 0	14 0	...	...	...	5 12	5 12	8 4
Amritsar	9 0	9 10	10 6	14 0	14 0	14 4	...	...	...	6 4	6 4	8 0
Gurdáspur	10 0	9 8	11 0	15 8	15 8	15 0	...	...	...	7 0	7 0	8 0
Siálkot	9 0	9 9	11 0	12 0	13 0	14 0	...	...	...	5 8	6 0	8 8
Gujránwála	8 8	9 4	10 14	13 0	14 0	14 8	...	...	...	6 0	6 0	8 12
RAWALPINDI.												
Gujrát	8 8	9 0	11 0	12 0	14 0	15 0	...	...	...	6 0	[illegible] 0	8 8
Shahpur	10 0	10 8	10 8	12 0	13 0	13 0	...	...	...	5 8	5 8	7 0
Jhelum	8 8	9 4	9 8	10 8	11 8	13 8	...	...	...	6 0	6 0	8 0
Ráwalpindi	8 4	8 0	9 0	11 12	11 4	14 0	...	...	...	6 4	6 12	8 0
Attock	9 0	7 12	9 0	13 0	12 8	14 0	...	...	...	6 8	6 8	7 0
Miánwáli	10 6	10 4	10 4	‡	‡	14 8	...	...	...	5 12	6 0	7 0
MULTAN.												
Montgomery	10 2	12 6	10 8	12 0	13 0	13 0	...	...	...	5 12	5 12	6 12
Lyallpur	10 0	10 0	10 4	12 0	12 0	14 8	...	...	...	6 0	6 0	7 4
Jhang	10 4	10 4	10 4	12 4	12 14	13 4	...	...	...	5 4	5 4	7 0
Multán	10 4	10 4	10 8	13 0	12 12	13 8	...	...	...	7 0	7 0	8 12
Muzaffargarh	10 4	9 12	10 12	12 0	12 0	12 8	...	...	...	7 8	7 8	8 8
Dera Ghází Khan ...	9 12	9 8	10 8	13 2	14 6	15 4	...	...	...	6 0	5 4	9 6

†Not produced. ‡ Not sold

NOTE.—The prices of rice as shown in the statement are

N.B.—Variations in prices are due to fluctuations

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 31ST MAY 1918.

THE ORDINARY SEER OF 80 TOLAS.

6			7			8			9			1
Jowar or Cholum (Andropogon Sorghum).			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			Districts.
Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
‡	‡	‡	9 8	9 8	15 0	‡	‡	†	‡	‡	†	Hissar.
11 0	12 0	16 0	11 0	10 8	16 0	†	†	†	†	†	†	Rohtak.
8 0	8 0	13 8	10 0	10 0	13 0	†	†	†	†	†	†	Gurgaon.
‡	‡	†	‡	‡	†	†	†	†	†	†	†	Karnál.
7 8	7 8	17 0	9 12	9 12	14 0	15 8	15 8	17 0	9 12	9 12	9 12	Ambála.
6 4	8 12	10 0	7 8	8 4	12 0	‡	‡	†	‡	‡	†	Simla.
												JULLUNDUR.
‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	Kángra.
6 0	6 0	11 0	§	§	12 0	†	†	†	‡	‡	†	Hoshiárpur.
5 8	5 8	12 0	†	†	13 0	†	†	†	9 0	9 0	9 0	Jullundur.
8 0	8 0	13 8	7 8	7 8	13 8	†	†	†	6 0	6 0	7 0	Ludhiána.
‡	‡	11 0	†	†	13 0	†	†	†	‡	‡	†	Ferozepore.
												LAHORE.
7 12	7 12	11 8	8 8	8 8	13 0	§	§	†	10 0	10 0	12 8	Lahore.
5 12	6 0	11 12	9 0	9 0	14 4	§	§	§	10 0	10 0	13 12	Amritsar.
6 0	6 0	11 0	§	§	†	§	§	†	8 0	8 0	8 0	Gurdáspur.
§	§	§	§	§	§	§	§	§	§	§	§	Siálkot.
7 0	6 0	10 12	§	§	§	§	§	§	§	§	†	Gujránwála.
												RAWALPINDI.
§	§	§	§	‡	14 0	§	‡	†	§	§	§	Gujrát.
6 0	5 8	13 5	§	12 8	15 12	§	§	§	§	§	§	Shahpur.
5 0	§	10 0	10 0	10 0	13 0	†	†	†	†	†	†	Jhelum.
6 4	6 4	11 0	10 12	10 12	14 0	‡	‡	†	‡	‡	†	Ráwalpindi.
‡	‡	†	11 0	11 8	12 8	‡	‡	†	‡	‡	†	Attock.
7 0	7 0	10 8	11 0	10 0	15 0	†	†	§	†	†	§	Miánwáli.
												MULTAN.
5 4	5 4	10 0	§	§	12 0	§	§	§	§	§	§	Montgomery.
§	§	12 0	§	§	†	§	§	†	§	§	†	Lyallpur.
4 0	4 0	9 0	6 0	§	13 0	14 0	14 8	14 0	11 8	11 8	11 8	Jhang.
6 4	‡	12 12	8 12	9 4	13 12	‡	‡	†	9 0	13 0	13 4	Multán.
§	§	§	§	§	§	§	§	§	§	§	§	Muzaffargarh.
5 4	5 0	13 8	8 12	8 12	13 0	‡	‡	‡	‡	‡	‡	Dera Gházi Khan.

§Not procurable.
for the quality in common demand.
in imports and exports.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON DURING THE FORTNIGHT

1	10			11			12			13		
	QUANTITIES PER RUPEE BY											
	Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).			Maize (Zea Mays).			Arhar or Thur Cadjan Pea (Cajanus indicus).			Firewood.		
DISTRICTS.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	14 8	14 0	14 0	‡	‡	‡	‡	‡	‡	60 0	60 0	70 0
Rohtak	14 0	13 8	14 6	§	§	‡	8 0	8 0	9 0	50 0	50 0	70 0
Gurgaon	13 8	13 4	14 4	10 0	11 0	13 0	9 0	9 0	9 0	60 0	60 0	60 0
Karnál	14 0	13 0	14 0	‡	‡	†	8 0	8 0	9 0	90 0	90 0	110 0
Ambála	11 8	11 8	14 0	13 0	13 0	16 0	7 12	7 12	8 12	85 0	85 0	100 0
Simla	8 4	9 12	10 12	9 0	9 4	11 8	6 8	6 8	6 0	53 0	53 0	64 0
JULLUNDUR.												
Kángra	6 8	6 8	8 0	10 0	9 4	12 0	4 8	4 8	5 0	80 0	80 0	80 0
Hoshiárpur	11 0	11 0	13 0	9 8	11 0	15 0	‡	‡	†	75 0	70 0	80 0
Jullundur	11 0	10 12	13 0	11 4	11 4	15 4	§	§	†	45 0	50 0	65 0
Ludhiána	12 12	12 0	13 8	12 8	13 0	15 0	8 8	8 8	11 0	50 0	55 0	70 0
Ferozepore	13 0	12 8	12 12	§	§	†	5 0	5 0	5 8	45 0	45 0	60 0
LAHORE.												
Lahore	12 0	12 8	12 12	8 12	8 12	13 8	6 8	6 8	7 4	40 0	40 0	50 0
Amritsar	11 0	11 0	13 4	10 0	10 0	14 12	7 0	7 0	8 10	45 0	50 0	70 0
Gurdáspur	10 0	10 0	12 8	10 0	10 0	15 0	§	§	†	60 0	60 0	60 0
Siálkot	11 0	10 8	12 0	§	§	14 0	§	§	†	70 0	80 0	70 0
Gujránwála	12 0	12 0	13 0	§	§	†	§	§	†	43 0	38 0	53 0
RAWALPINDI.												
Gujrát	11 0	11 0	12 0	‡		12 0	†	†	†	45 0	45 0	65 0
Shahpur	13 0	12 8	12 13	9 12	10 0	14 0	7 0	7 0	7 14	50 0	50 0	63 0
Jhelum	†	11 0	12 0	9 0	9 0	12 0	6 0	6 0	7 0	45 0	45 0	53 0
Ráwalpindi	10 8	10 0	11 8	10 12	10 12	11 8	7 8	7 8	8 0	38 0	38 0	43 0
Attock	11 8	11 4	12 4	13 0	12 8	11 8	5 8	5 8	5 4	46 0	46 0	61 0
Miánwáli	14 8	13 0	13 8	‡	‡	§	‡	‡	§	45 0	45 0	55 0
MULTAN.												
Montgomery	12 2	12 2	12 6	8 0	8 0	12 0	§	§	7 0	75 0	75 0	110 0
Lyallpur	13 0	12 12	12 8	§	§	§	8 0	6 0	8 0	37 0	37 0	55 0
Jhang	12 4	13 4	12 4	8 8	8 8	12 8	‡	‡	†	34 0	34 0	60 0
Multán	11 8	11 8	11 12	8 12	§	12 12	‡	‡	7 0	55 0	55 0	80 0
Muzaffargarh	10 4	9 12	11 8	6 8	7 0	§	§	‡	§	80 0	80 0	95 0
Dera Ghází Khan ...	12 2	12 8	11 4	‡	‡	‡	‡	‡	‡	62 0	62 0	90 0

* No wholesale salt sold. † Not produced.

N.B.—Variations in prices are due to fluctuations in

NOTE.—The price of bathu and masur at Simla during

Memo. of

In the statement for the fortnight ending 30th April 1918, under head "present" and in the statement for the fortnight

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB :

Lahore, dated 11th June 1918.

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 31ST MAY 1918—CONCLUDED.

THE ORDINARY SEER OF 80 TOLAS.

14						15			16			1
Salt.						Gur.			Cotton (unginned).			Districts.
Present fortnight ending 31st May 1918.		Past fortnight ending 15th May 1918.		Corresponding fortnight of 31st May 1917.		Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	Present fortnight ending 31st May 1918.	Past fortnight ending 15th May 1918.	Corresponding fortnight of 31st May 1917.	
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.							
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
*	19 0	*	19 0	17 0	16 0	8 8	9 0	7 4	3 0	3 0	4 0	Hissar.
11 0	10 8	11 0	10 8	17 0	16 0	9 0	9 0	7 0	2 6	2 6	5 0	Rohtak.
9 0	9 0	11 0	11 0	17 8	17 0	8 0	7 8	6 0	3 0	3 0	4 0	Gurgaon.
10 6	10 2	11 4	10 8	17 0	16 8	10 0	9 8	7 4	‡	‡	†	Karnál.
13 5	13 0	13 5	13 0	17 12	17 0	7 8	7 8	6 0	§	§	4 4	Ambála.
9 2	8 8	9 6	8 12	13 5	11 8	5 4	5 4	5 4	§	§	§	Simla.
												JULLUNDUR.
*	7 8	*	8 0	*	10 8	3 8	3 8	3 8	‡	‡	‡	Kángra.
11 0	12 0	13 0	12 8	18 0	17 0	5 8	5 8	6 8	‡	‡	§	Hoshiárpur.
13 4	12 0	12 12	11 12	19 8	18 4	5 0	5 0	6 0	§	§	†	Jullundur.
12 8	12 0	12 8	12 0	19 0	18 8	6 8	6 8	6 0	2 0	2 0	3 8	Ludhiána.
12 0	11 0	12 0	11 8	18 0	16 0	5 0	5 0	5 8	2 4	2 4	4 0	Ferozepore.
												LAHORE.
12 4	12 0	12 0	11 12	19 0	18 0	6 4	6 4	7 0	2 8	2 8	3 14	Lahore.
12 12	12 4	12 8	12 4	22 14	20 2	5 8	5 8	7 10	2 6	2 6	§	Amritsar.
*	1 8	*	12 8	*	18 0	6 0	6 0	7 8	4 0	4 0	5 0	Gurdáspur.
13 0	12 0	13 0	12 0	24 0	23 0	6 0	6 0	7 0	§	§	4 0	Siálkot.
13 0	12 12	14 0	13 8	21 0	20 0	5 8	6 4	8 4	§	§	4 4	Gujránwála.
												RAWALPINDI.
13 0	11 0	12 0	11 0	20 0	18 0	6 0	6 0	7 0	‡	‡	‡	Gujrát.
14 8	12 0	13 5	12 0	24 0	22 0	6 8	7 0	7 0	§	§	§	Shahpur.
13 0	12 0	14 0	13 0	21 0	20 0	6 0	5 8	7 0	‡	‡	‡	Jhelum.
11 12	10 12	11 4	10 4	21 4	20 0	6 12	6 12	7 8	§	§	†	Ráwalpindi.
21 0	20 0	21 0	20 0	16 0	15 0	6 0	6 0	6 8	3 0	3 0	5 0	Attock.
20 0	20 0	20 0	20 0	*	20 0	5 8	5 8	6 0	‡	‡	†	Miánwáli.
												MULTAN.
11 0	10 0	11 0	10 0	13 8	13 0	6 8	6 8	7 0	§	2 8	5 0	Montgomery.
12 0	11 0	12 0	11 0	20 0	19 0	8 0	8 0	8 4	§	§	§	Lyallpur.
10 8	10 0	12 8	11 0	15 0	13 8	6 4	6 4	6 12	3 10	2 10	4 0	Jhang.
12 8	12 0	14 0	13 8	18 0	17 0	6 4	6 12	7 4	2 6	2 6	4 2	Multán.
10 8	10 0	10 8	10 0	17 0	16 0	6 2	6 4	6 8	§	§	5 0	Muzaffargarh.
12 13	12 8	12 12	12 8	13 0	12 8	5 0	5 0	5 10	3 0	3 0	7 0	Dera Gházi Khan.

‡ Not sold. § Not procurable.

imports and exports/
the fortnight ending 31st May 1918 was 7 seers 8 chataks and 8 seers respectively.
correction.

ending 15th May 1918 under head "past" under "fire wood" against Ferozepore *substitute* 45 seers *for* 60 seers.

B. D. SINGH, HD. ASSTT., STATISTICS,
Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 56 seers as compared with 56 seers in last fortnight and 70 seers in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.	Last fortnight.	This fortnight.
		Seers.	Seers.	Seers.
Rohtak	...	70	50	50
Jullundur	...	65	50	45
Amritsar	...	70	50	45
Gujrát	...	65	45	45
Montgomery	...	110	75	75

Lahori Salt.—Prices average 12 seers 2 chataks as compared with 12 seers 7 chataks in last fortnight and 17 seers 5 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.		Last fortnight.		This fortnight.	
		Seers.	C.	Seers.	C.	Seers.	C.
Gurgaon	...	17	0	11	0	9	0
Jullundur	...	18	4	11	12	12	0
Siálkot	...	23	0	12	0	12	0
Ráwalpindi	...	20	0	10	4	10	12
Lyallpur	...	19	0	11	0	11	0

Gur.—Prices average 6 seers 6 chataks as compared with 6 seers 7 chataks in last fortnight and 6 seers 11 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.		Last fortnight.		This fortnight.	
		Seers.	C.	Seers.	C.	Seers.	C.
Karnál	...	6	0	7	8	8	0
Hoshiárpur	...	6	8	5	8	5	8
Amritsar	...	7	10	5	8	5	8
Gujrát	...	7	0	6	0	6	0
Montgomery	...	7	0	6	8	6	8

Cotton, unginned.—Prices average 2 seers 11 chataks as compared with 2 seers 11 chataks in last fortnight and 4 seers 8 chataks in corresponding period of 1917. The chief variations in each division are—

		Same fortnight in 1917.		Last fortnight.		This fortnight.	
		Seers.	C.	Seers.	C.	Seers.	C.
Rohtak	...	5	0	2	6	2	6
Ferozepore	...	4	0	2	4	2	4
Lahore	...	3	14	2	8	2	8
Attock	...	5	0	3	0	3	0
Dera Gházi Khan	...	7	0	3	0	3	0

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31ST MAY 1918.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	WHOLESALE PRICE PER MAUND OF 82 2/7 LBS. OR 40 SEERS OF 80 TOLAS EACH.															
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 4 0	5 8 0	4 0 0	2 14 0	...	5 4 0	4 0 0	3 0 0	3 6 0	5 0 0	6 0 0	5 8 0	7 12 0	8 0 0	5 0 0	...
Ferozepore ...	3 5 3	6 10 9	3 13 0	2 12 3	...	...	...	...	2 15 6	7 4 6	6 10 9	...	7 4 6	7 4 3	6 10 9	53 5 3
Lahore ...	4 0 0	6 10 9	4 7 0	3 0 0	3 0 0	5 0 0	4 7 0	4 7 0	3 3 3	5 14 9	5 8 6	4 13 6	6 10 9	7 10 0	6 2 6	42 10 9
Amritsar ...	3 11 0	6 2 6	4 5 0	2 12 0	...	6 10 9	4 4 6	3 14 6	3 7 6	5 4 0	6 4 0	5 0 0	8 0 0	8 0 0	6 10 0	50 0 0
Ráwalpindi ...	...	6 2 6	4 11 3	3 5 3	...	6 2 6	3 10 3	3 10 3	3 11 6	...	4 5 3	5 0 0	...	...	5 11 6	...
Lyallpur ...	...	6 4 0	3 15 0	3 0 0	...	...	...	...	3 0 0	6 0 0	...	4 8 0	8 0 0	8 8 0	4 12 0	...
Multán ...	3 4 0	5 8 0	3 13 0	2 15 3	3 4 0	6 2 0	4 7 0	4 7 0	3 5 3	...	7 12 0	4 12 0	9 4 0	7 0 0	6 2 0	46 0 0

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	WHOLESALE PRICE PER MAUND OF 82 2/7 LBS. OR 40 SEERS OF 80 TOLAS EACH.															
NAME OF DISTRICT.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow).	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	REMARKS.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	4 0 0	70 0 0	4 6 0	13 0 0	16 0 0	3 0 0	50 0 0	2 6 0	1 0 0	1 2 3	1 5 3	...	(a)3 12 0	150 0 0	100 0 0	
Ferozepore ...	4 3 3	60 15 3	4 11 3	16 0 0	16 0 0	3 5 3	...	2 3 6	...	0 14 3	...	...	...	...	...	
Lahore ...	3 15 0	64 0 0	5 0 0	16 0 0	18 0 0	3 4 3	43 0 0	2 13 9	1 0 0	1 0 9	...	1 4 0	(a)5 8 0	170 0 0	200 0 0	
Amritsar ...	3 12 0	63 0 0	4 9 0	12 0 0	17 0 0	3 2 0	37 8 0	2 4 0	...	1 3 0	...	1 10 0	(b)4 3 0	...	160 0 0	
Ráwalpindi ...	...	60 15 3	5 5 3	...	...	3 5 3	39 0 0	...	...	2 8 0	...	1 8 0	(c)5 12 0	120 0 0	100 0 0	
Lyallpur ...	3 8 0	54 8 0	4 8 0	21 0 0	18 8 0	3 0 0	35 0 0	2 14 0	...	1 0 0	...	2 4 0	(d)5 12 0	270 0 0	130 0 0	
Multán ...	3 4 6	54 0 0	4 9 0	13 0 0	22 8 0	3 3 0	40 0 0	2 12 6	1 12 0	0 14 3	...	...	(d)5 4 0	...	105 0 0	

(a) Elephant Brand. (b) Monkey Brand. (c) Victoria mark. (d) Sun Brand.

Quotations have not been shown in cases in which there have been no wholesale transactions.

NOTE.—Prices of rice as shown in the statement are for the quality in common demand.

N.B.—Variations in prices are due to fluctuations in imports and exports.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:

Lahore, dated the 11th June 1918.

B. D. SINGH, HEAD ASST., STATISTICS,

Office of Director of Land Records, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 1st June 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	17,162	6	4	10	18	8	10	...	5	...	7	...	1	...	5	2	1	3	30	55
2		Hánsi ...	14,576	5	...	5	20	8	12	...	...	5	8	1	...	...	6	3	1	4	18	71
3		Bhiwáni ...	31,100	9	4	13	27	13	14	...	...	...	9	1	2	...	15	4	3	7	22	45
4		Sirsa ...	14,629	1	5	6	11	5	6	...	...	...	6	...	3	...	2	1	1	2	21	39
5	Rohtak ...	Rohtak ...	19,862	10	6	16	25	13	12	...	...	...	8	1	1	...	15	7	8	15	42	66
6		Jhajjar ...	10,617	3	3	6	14	8	6	...	...	1	3	3	...	...	7	2	1	3	30	69
7		Sonepat ...	12,014	4	7	11	22	9	13	...	...	...	13	...	1	...	8	6	7	13	48	95
8	Gurgaon ...	Rewári ...	24,780	7	2	9	21	8	13	...	...	...	2	3	3	...	13	...	1	1	19	44
9	Karnál ...	Karnál ...	21,018	4	8	12	17	8	9	...	...	...	7	4	1	...	5	1	1	2	30	42
10		Kaithal ...	12,912	10	4	14	22	13	9	...	...	...	12	1	...	...	9	7	6	13	57	90
11		Pánipat ...	26,342	14	16	30	32	16	16	...	...	...	23	1	2	...	6	7	9	16	60	63
12		Shahabad ...	11,054	4	1	5	13	7	6	...		...	4	...	3	...	6	1	3	4	24	62
13	Ambála ...	Ambála ...	24,493	19	10	29	28	18	10	...	...	5	14	...	3	...	6	5	1	6	62	60
14		Jagádhri ...	12,045	3	1	4	20	9	11	...	...	...	8	1	3	...	8	5	6	11	17	87
15	Hoshiárpur ...	Hoshiárpur ...	16,980	8	8	16	25	12	13	...	...	1	14	...	1	2	7	5	4	9	49	76
16	Jullundur ...	Jullundur ...	55,354	19	15	34	44	30	14	...	...	5	16	4	12	...	7	9	3	12	32	41
17	Ludhiána ...	Ludhiána ...	43,152	13	22	35	39	17	22	...	...	...	18	5	4	...	12	6	6	12	42	47
18		Jagraon ...	15,039	11	4	15	11	5	6	...	...	...	5	...	1	...	5	1	3	4	52	38
19	Ferozepore ...	Ferozepore ...	24,678	3	7	10	9	5	4	...	...	...	7	...	...	...	2	1	1	2	21	19
20		Fázilka ...	10,985	2	5	7	4	2	2	...	...	...	...	...	1	...	3	...	...	...	33	19
21	Lahore ...	Lahore ...	210,271	39	44	83	186	108	78	...	5	2	105	7	33	5	29	33	20	53	21	46
22		Kasúr ...	24,783	10	6	16	26	12	14	...	...	...	9	...	4	...	13	5	7	12	34	55
23	Amritsar ...	Amritsar ...	151,339	32	35	67	148	89	59	...	...	1	36	3	33	2	23	25	9	34	23	51
24	Gurdáspur ...	Batála ...	26,430	10	5	15	14	9	5	...	...	...	7	1	3	1	2	5	2	7	30	28
25	Siálkot ...	Siálkot ...	48,595	20	20	40	28	11	17	...	...	1	7	...	7	...	13	4	8	12	43	30
26	Gujránwála ...	Gujránwála ...	28,687	4	10	14	20	13	7	...	...	...	9	...	5	...	6	4	2	6	26	37
27		Wazírabad ...	17,146	3	3	6	12	6	6	...	...	...	10	...	...	...	2	1	2	3	18	36
28	Gujrát ...	Gujrát ...	18,692	5	10	15	15	9	6	...	...	...	12	...	1	...	2	2	2	4	42	42
29		Jalálpur ...	11,615	4	1	5	7	4	3	...	...	...	4	...	1	...	2	2	...	2	22	31

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	10	2	12	22	8	14	...	...	8	6	1	2	...	5	2	2	4	41	75	30
31		Khusháb ...	10,159	4	2	6	4	2	2	...	...	...	1	...	3	...	...	...	...	...	31	20	31
32	Jhelum ...	Jhelum ...	12,298	7	3	10	9	3	6	...	...	...	5	1	2	...	1	...	...	...	42	38	32
33		Pind Dádan Khan	10,590	3	1	4	7	3	4	...	...	...	7	...	...	...	...	...	2	2	20	34	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	14	8	22	30	23	7	...	...	1	10	3	6	...	10	9	4	13	25	33	34
35	Lyallpur ...	Lyallpur ...	19,578	6	4	10	8	4	4	...	1	1	2	...	...	...	4	3	2	5	26	21	35
36	Jhang ...	Jhang-Maghiána	25,914	9	6	15	15	6	9	...	...	1	7	3	...	...	4	1	4	5	30	30	36
37		Chiniot ...	14,085	8	7	15	16	10	6	...	...	...	6	1	2	...	7	3	5	8	55	59	37
38	Multán ...	Multán ...	85,747	21	8	29	47	26	21	...	...	2	26	2	3	...	14	9	3	12	18	29	38
		Grand Total ...	1,196,515	364	307	671	1,036	560	476	...	11	34	453	47	197	10	284	181	140	321	29	45	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934	6	8	14	8	7	1	...	1	...	3	1	1	...	2	2	1	3	38	22	
	Dharmsála	... ...	2,518	...	1	1	2	...	2	...	...	...	...	...	2	...	...	...	...	...	20	41	
	Dalhousie ...	... ...	938	2	1	3	3	1	2	...	...	...	...	...	3	...	...	1	1	2	143	143	
	Murree ...	... ...	1,361	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71	...	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 1st June 1918 there were 671 births registered in the 38 large municipal towns (364 males and 307 females), giving a birth rate of 29 *per mille* of population, and 1,036 deaths were registered (560 males and 476 females), giving a death rate of 45 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 46 against 42 in the corresponding week of the previous year, Amritsar 51 against 25 and Multán 29 against 22.

There were 8 deaths reported from plague in Bhera, 5 each in Hánsi, Ambála and Jullundur, 2 each in Lahore and Multán and 1 each in Jhajjar, Hoshiárpur, Amritsar, Siálkot, Ráwalpindi, Lyallpur and Jhang-Maghiána. Of the 11 deaths from small-pox 5 each were registered in Hissar and Lahore and 1 in Lyallpur.

Sanitary Commissioner's Office,
Lahore :
The 11th June 1918.

W. H. MILLS, Supdt.,
for Sanitary Commissioner, Punjab.

563 PGG—650—14-6-18—SGPP—Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette.

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 25.] LAHORE, FRIDAY, JUNE 21, 1918.

PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 18th June 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
1	Hissar ...	...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 9½ ... Gram, 14½. Bajra, 9½. Bejhar, 15. Prices between normal and warning rates.	Irrigated extra spring crops in good condition, and are being harvested.	Sowings of irrigated cotton continue and are normal.
2	Rohtak ...	0·22 at Jhajjar ...	1. Adequate ... 2. (a) Do. (b) Do. 3. Good.	Wheat, 10½ ... Gram, 14½. Barley, 14. Jowar, 11. Bajra, 11. Prices between normal and warning rates.	Extra spring crops fair ..	Sowings of cotton, bajra, etc., commenced at places and are normal in case of cotton and below normal in case of other crops. Standing crops average.

625 PGG

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Prospects of — Autumn.
3	Gurgaon ...	0·12 at Rewári ...	1. Sufficient ... 2. (b) Canal running, supply sufficient. 3. Good.	Wheat, 9½ to 12 ... Barley, 13½ to 16⅔. Gram, 14 to 17¼. Jowar, 6 to 10. Bajra, 10 to 16. Maize, 12. Prices generally at above normal rates.	Standing extra spring crops are in good condition.	Rain needed for kharif sowings. Standing cotton and sugarcane are in good condition.
4	Ambála ...	0·52 at Jagádhri. 0·64 at Naráingarh. 0·3 at Kharar. 3·09 at Kasauli.	1. Sufficient ... 2. (a) Generally sufficient. (b) Adequate. 3. Generally good.	Wheat, 9¾ ... Gram, 11¾. Barley, 13. Maize, 11. Bajra, 9¾. Prices generally between normal and warning rates.	Extra spring crops in good condition. Yield expected to be average.	Rain was useful for kharif sowings, which are below normal. Ploughings continue and are normal. Standing sugarcane in good condition. Germination of maize and cotton good.
5	Jullundur ...	0·13 at Nawashahr.	1. Moderate ... 2. (a) Adequate. 3. Generally good.	Wheat, 10 ... Gram, 11¼. Barley, 13 Maize, 11¼. Prices between warning and scarcity rates.	Rain was useful for standing extra spring crops, which are in good condition,	Condition of sugarcane and cotton good.
6	Ferozepore ...	...	1. Sufficient ... 2. (a) Do. 3. Good.	Wheat, 10½ ... Gram, 13. Prices between normal and warning rates.	Standing extra spring crops satisfactory.	Standing crops satisfactory.
7	Lahore ...	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 9 ... Gram, 12. Prices are at warning rates.	Standing extra spring crops are in average condition. Reaping of tobacco continues. Outturn average.	Standing irrigated sugarcane good, but cotton slightly damaged by insect. Unirrigated crops average. Sowings of fodder continue, and are average on irrigated areas and below average on unirrigated areas.
8	Amritsar ...	0·04 at Ajnála.	1. Sufficient ... 2. (b) Canals working by rotations; supply sufficient. 3. Generally good ...	Wheat, 9⅜ ... Barley, 13¼. Gram, 11¼. Maize, 9¼. Jowar, 5. Bajra, 7¼. Prices between warning and scarcity rates or at above scarcity rates.	Standing extra spring crops good on irrigated areas and average on unirrigated areas.	Sowings of irrigated cotton continue and are normal.
9	Siálkot ...	0·17 at Sadr ... 0·16 at Pasrúr ... 0·57 at Raya ... 0·63 at Daska ...	1. Sufficient ... 2. (a) Do. (b) Canals flowing 3. Good.	Wheat, 8 & 9 ... Barley, 12½ & 13. Gram, 11 & 11¼. Prices between normal and scarcity rates.	Extra spring crops average.	Standing crops average.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
10	Shahpur ...	0·55 at Bhalwál ... 0·15 at Shahpur. 0·26 at Khusháb. 0·01 at Sargodha.	1. Sufficient ... 2. (b) Inundation and Lower Jhelum Canals flowing; supply sufficient. 3. Good.	Wheat, 9¾ to 11 ... Gram, 12½ to 14½. Maize, 9¾ to 10. Prices generally between normal and warning rates.	Harvesting of wheat continues. Yield below normal. Standing extra spring crops are good on irrigated areas and normal on unirrigated areas.	More rain wanted. Sowings of cotton, jowar and bajra in Shahpur Tahsil continue to normal extent. Germination fair. Standing crops good on irrigated areas and normal on unirrigated areas.
11	Ráwalpindi ...	0·86 at Sadr ... 0·47 at Gujar Khan 0·66 at Kahúta. 1·59 at Murree.	1. Sufficient ... 3. Good.	Wheat, 7¼ ... Barley, 11¾ Gram, 10¼. Maize, 11¾. Bajra, 10¾. Jowar, 10¼. Prices generally between warning and scarcity rates.	Threshing of wheat finished. Outturn good. Standing extra spring crops average.	Condition of standing crops average.
12	Miánwáli ...	0·85 at Miánwáli ... 0·40 at Isa Khel.	1. Available ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat, 10¼ ... Gram, 14½. Bajra, 12. Jowar, 7. Prices generally between normal and warning rates.	Condition of extra spring crops good on irrigated areas and below normal on unirrigated areas.	Rain was useful for kharif sowings.
13	Lyallpur ...	0·09 at Sadr ...	1. Dry fodder sufficient; green scarce. 2. (b) Satisfactory. 3. Generally good.	Wheat, 10 ... Gram, 12. Barley 12. Prices generally between normal and warning rates.	...	Sowings of fodder crops continue and are normal.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai and all inundation canals flowing. Supply generally adequate. 3. Fair.	Wheat, 9½ ... Gram, 11. Maize, 8½. Jowar, 5¾. Prices between warning and scarcity rates or at above scarcity rates.	...	Condition of standing kharif crops good in Shujabad and normal elsewhere. Sowings of cotton, indigo, jowar, etc., continue, and are normal.

GENERAL REMARKS.

LIGHT rain fell in submontane tracts and in parts of a few western districts, and proved useful for extra spring crops and for kharif sowings. Sowings of cotton and other autumn crops continue and are normal. Standing extra spring and autumn crops are normal to good on irrigated areas and below normal to normal on unirrigated areas. Yield of the former is expected to be average. Cattle are healthy, and fodder and water are sufficient. Prices are almost stationary, and range between normal and warning rates, except in some central and western districts, where they are between warning and scarcity rates. Prices of wheat:—Ambála 9¾, Ferozepore 10¼, Lahore 9, Ráwalpindi 7¼ and Lyallpur 10 seers per rupee.

B. D. SINGH, HEAD ASSISTANT,

for *Director of Land Records, Punjab.*

TABLE OF RAINFALL RECORDED AT STATIONS

1 District.	2 Station.	3 1st.	4 2nd.	5 3rd.	6 4th.	7 5th.	8 6th.	9 7th.	10 8th.	11 9th.	12 10th.	13 11th.	14 12th.	15 13th.	16 14th.	17 15th.	18 16th.	19 17th.	20 18th.	21 19th.	22 20th.	23 21st.
Hissar.	Sirsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fatahabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hissar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hansi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhiwani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Budhlada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rohtak.	Rohtak ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...
	Gohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sampla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhajjar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	...	...	...
	Salhawas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Beri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonepat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurgaon.	Farrukhnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jatusana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rewari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khol ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tauru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nuh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Firozpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hasanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hattin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurgaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Punahana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ballabgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karnal.	Panipat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karnal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajaund ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kaithal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thanesar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ambala.	Jagadhri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...
	Ambala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Naraingarh ...	...	...	...	...	...	...	0·09	...	...	...	...	...	...	...	...	...	...	0·77	...	...	...
	Kharar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·43	...	...	...
	Rupar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·16	...	...	...
	Kasauli ...	...	...	...	...	...	...	0·13	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...
	Dadupur C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·90	...	...	...
Simla.	Barauli ...	0·50	...	...	...	...	0·14	0·50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Simla ...	0·11	...	...	...	...	0·20	0·46	...	...	...	...	...	...	0·40	...	...	0·70	0·27	...	...	...
	Kot Khai ...	...	...	...	...	...	0·50	..	...	...	...	...	...	0·15	0·10	...	0·20	0·40	...	...	...	...
	Kotgarh ...	...	...	...	...	...	0·15	...	...	...	...	...	0·10	0·25	0·15	...	...	0·10	...	...	...	...
	Kilba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C Denotes canal

? Indicates that no ,

IN THE PUNJAB FOR THE MONTH OF MAY 1918.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st May 1918.	Average rainfall from 1st October up to 31st May.	Station.	District.
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·52	Nil	5·20	2·78	Sirsa	Hissar.
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·48	Nil	5·96	2·78	Fatahabad	
...	...	...	...	...	...	...	...	...	...	Nil	1·5	Nil	0·57	Nil	7·50	3·23	**Hissar**	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·64	Nil	8·83	3·19	Hansi	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·60	Nil	3·37	2·91	Bhiwani	
...	...	...	...	...	...	...	...	...	...	Nil	0·[illegible]	Nil	0·35	Nil	8·64	2·98	Budhlada	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·52	Nil	3·73	3·36	Tohana	
...	...	...	...	...	...	...	...	...	...	1	1·5	0·30	0·57	0·30	3·74	3·42	**Rohtak**	Rohtak.
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·56	Nil	6·1[illegible]	3·64	Gobana	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·49	Nil	4·85	3·06	Sampla	
...	...	...	...	...	...	...	...	...	...	1	1·4	0·14	0·59	0·14	5·32	3·37	Jhajjar	
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·80	Nil	4·11	3·11	Salhawas	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	0·43	Nil	3·50	4·12	Beri	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·68	Nil	3·78	3·76	Sonepat	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·62	Nil	1·75	3·45	Farrukhnagar	Gurgaon.
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·53	Nil	1·20	2·86	Jatusana	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·60	Nil	5·01	2·91	Rewari	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·56	Nil	2·67	3·29	Khol	
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·54	Nil	2·22	3·47	Tauru	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·67	Nil	3·19	3·43	Nuh	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·51	Nil	3·65	2·67	Firozpur	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·44	?	Hasanpur	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·64	Nil	1·60	3·22	Hattin	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·48	Nil	5·19	3·43	Palwal	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·33	Nil	3·88	3·06	Sohana	
...	...	...	...	...	...	...	...	...	...	Nil	1·6	Nil	0·64	Nil	4·11	3·72	**Gurgaon**	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·61		2·50	3·55	Punahana	
...	...	...	...	...	...	...	...	...	...	Nil	1·5	Nil	[illegible]	Nil	3·56	3·70	Ballabgarh	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·51	Nil	4·54	3·80	Panipat	Karnal.
...	...	...	...	...	...	...	...	...	...	Nil	1·8	Nil	0·90	Nil	7·20	5·62	**Karnal**	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·37	Nil	5·08	3·06	Rajaund	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·52	Nil	6·93	3·67	Kaithal	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·52	Nil	11·34	4·37	Gulah	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·62	Nil	8·35	4·75	Thanesar	
...	...	...	...	...	...	...	...	...	...	1	1·3	0·20	0·66	0·20	11·32	6·15	Jagadhri	Ambala.
...	...	...	...	...	...	...	...	...	...	Nil	1·5	Nil	0·83	Nil	10·53	6·25	**Ambala**	
...	...	...	...	...	...	...	...	...	...	1	1·6	0·86	0·73	0·77	11·83	6·48	Naraingarh	
...	...	...	...	...	...	...	...	...	...	1	1·4	0·43	0·72	0·43	10·22	6·04	Kharar	
...	...	...	...	...	...	...	...	...	...	1	1·3	0·16	0·65	0·16	12·43	6·25	Rupar	
...	...	...	...	...	...	...	...	...	...	2	2·9	0·33	1·70	0·20	19·93	11·81	Kasauli	
...	...	...	...	...	...	...	...	...	...	1	1·6	0·90	0·83	0·90	12·60	6·82	Dadupur C	
...	...	...	...	...	...	...	...	...	...	3	3·5	1·14	1·62	0·50	16·28	11·09	Barauli	Simla.
...	...	...	...	...	...	...	...	...	...	6	4·8	2·14	2·64	0·70	19·72	15·26	**Simla**	
...	...	...	...	...	...	...	...	...	...	5	5·4	1·35	2·81	0·50	19·84	15·69	Kot Khai	
...	...	...	...	...	...	...	...	...	...	5	5·4	0·75	3·12	0·25	22·76	16·52	Kotgarh	
...	...	...	...	...	...	...	...	...	...	Nil	5·4	Nil	2·55	Nil	18·28	22·62	Kilba	

rain-gauge station.
averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
District.	Station	1st.	2nd.	3rd	4th.	5th	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Jind State.	Dhaneta *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Safidan *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikaner State.	Chhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]	
Patiala State.	Kotra *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jodhpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Raniki *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lehal *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujran *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Barthala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nabha State.	Dadahur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bundher *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kangra.	Banjar (Saraj Tahsil)	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kulu	...	...	...	...	...	...	0·15	...	...	...	...	...	0·46	...	...	...	0·16	...	...	...
	Nagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palampur	...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hamirpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·29	...	...	...	...
	Dera	...	...	...	...	...	0·16	...	...	...	...	...	...	...	0·20	...	...	1·16	...	...	...
	Kangra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dharmsala	0·08	...	...	...	...	0·44	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nurpur	0·22	...	...	...	...	0·53	0·06	...	...	...	...	...	...	0·20	...	0·25	0·08	...	...	...
Hoshiarpur.	Dasuya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Una	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Garhshankar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·86	...	...
	Hoshiarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tanda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jullundur.	Jullundur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nakodar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Phillaur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nawashahr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ludhiana.	Samrala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jagraon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Zira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore Sadr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore City	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muktsar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fazilka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nathana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Abohar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gobindgarh *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Phidda *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—Denotes canal
?—Indicates that no

Punjab for the month of May 1918—continued.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st May 1918.	Average rainfall from 1st October up to 31st May.	Station.	District.
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·58	Nil	12·87	4·06	Dhaneta *C*	Jind State.
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·31	Nil	4·80	4·21	Safidan *C*	
...	...	...	...	...	...	...	...	...	...	Nil	**1·0**	**Nil**	**0·54**	**Nil**	**5·40**	**3·31**	**Jind *C***	
not	received		...	...	...	...	...	...			...	...	...	...	...	...	Chhani *C*	Bikaner State.
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·36	Nil	8·84	2·72	Kotra *C*	Patiala State.
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·26	Nil	5·52	2·89	Jodhpur *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·51	Nil	9·68	3·99	Ranikl *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·7	Nil	0·63	Nil	13·33	5·67	Lehal *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·71	Nil	13·55	4·46	Gujran *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·63	Nil	10·78	5·50	Barthala *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·56	Nil	7·42	4·16	Dadahur *C*	Nabha State.
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·49	Nil	7·30	3·28	Bundher *C*	
...	...	...	...	...	...	...	...	...	...	3	5·1	0·80	2·24	0·46	26·69	15·93	Banjar (Saraj Tahsil)	Kangra.
...	...	...	...	...	...	...	...	...	...	Nil	4·9	Nil	2·20	Nil	28·74	21·36	Kulu	
...	...	...	...	...	...	...	...	...	...	Nil	5·4	Nil	2·59	Nil	27·68	26·90	Nagar	
...	...	...	...	...	...	...	...	...	...	2	4·3	0·59	2·13	0·30	22·43	20·66	Palampur	
...	...	...	...	...	...	...	...	...	...	3	2·5	1·52	1·16	1·16	16·53	16·97	Hamirpur	
...	...	...	...	...	...	...	...	...	...	Nil	1·6	Nil	1·04	Nil	15·96	10·97	Dera	
...	...	...	...	...	...	...	...	...	...	1	3·0	0·44	1·41	0·44	15·83	13·23	Kangra	
...	...	...	...	...	...	...	...	...	...	**3**	**4·5**	**1·20**	**2·30**	**0·53**	**21·62**	**20·59**	**Dharmsala**	
...	...	...	...	...	...	...	...	...	...	1	2·3	0·22	1·24	0·22	15·90	14·15	Nurpur	
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·60	Nil	14·60	7·86	Dasuya	Hoshiarpur.
...	...	...	...	...	...	...	...	...	...	1	1·7	0·86	0·76	0·86	17·34	7·78	Una	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·89	Nil	11·35	7·18	Garhshankar	
...	...	...	...	...	...	...	...	...	...	**Nil**	**1·7**	**Nil**	**0·81**	Nil	**14·65**	**8·35**	**Hoshiarpur**	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·17	?	Tanda	
...	...	...	...	...	...	...	...	...	...	**Nil**	**1·4**	**Nil**	**0.75**	Nil	**16·86**	**6·42**	**Jullundur**	Jullundur.
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·43	Nil	11·01	4·84	Nakodar	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·53	Nil	11·20	5·47	Phillaur	
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·53	Nil	11·77	6·19	Nawashahr	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·45	Nil	12·50	5·24	Samrala	Ludhiana.
...	...	...	...	...	...	...	...	...	...	**Nil**	**1·2**	**Nil**	**0·63**	Nil	**13·88**	**5·93**	**Ludhiana**	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·45	Nil	9·26	4·17	Jagraon	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·48	Nil	10·39	3·88	Moga	Ferozepore.
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·41	Nil	14·37	3·92	Zira	
...	...	...	...	...	...	...	...	...	...	**Nil**	**1·0**	**Nil**	**0·44**	**Nil**	**7·82**	**4·15**	**Ferozepore Sadr**	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·32	Nil	7·98	4·64	Ferozepore City	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·30	Nil	5·27	2·54	Muktsar	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·37	Nil	2·13	2·93	Fazilka	
...	...	...	...	...	...	...	...	...	...	Nil	0·3	Nil	0·13	Nil	5·29	2·78	Nathana	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·23	Nil	4·88	3·37	Jalalabad	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	0·08	Nil	4·42	3·61	Abohar	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·13	Nil	3·96	1·92	Gobindgarh *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·36	Nil	8·39	3·17	Phidda *C*	

rain-gauge station.
averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Lahore.	Van C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chunian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Statement	
	Kasur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pambe C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Niazbeg C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Statement	
	Lahore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore Cant. C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manihala C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dafthu C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nijabat C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Statement	
Amritsar.	Buchar C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khara C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Statement	
	Tarn Taran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Raya C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar Jail Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Buggeh C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ajnala	...	...	0·14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurdaspur.	Aliwal C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Batala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tibri C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...
	Gurdaspur	...	...	0·06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pathankot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dalhousie	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Madhopur C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shakargarh	0·05	...	0·08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sialkot.	Zafarwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pasrur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Raya	...	...	0·28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Daska	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gujranwala.	Ramnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wazirabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sheikhupura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hafizabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khangah Dogran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sharakpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shahjamal C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pacca Dalla C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Feroz C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gujrat.	Sadr (Gujrat)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kharian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Phalia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahpur.	Midh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nurpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sakesar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Naushehra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·26	...	...	...
	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shahpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...
	Bhera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhalwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	...

C—Denotes ...

?—Indicates that ...

Punjab for the month of May 1918—continued.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st May 1918.	Average rainfall from 1st October up to 31st May.	Station.	D
not received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	Van *C*	Lahore.
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·39	Nil	1·83	2·96	Chunian	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·34	Nil	5·34	3·66	Kasur	
not received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pambe *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·55	Nil	4·63	4·75	Niazbeg *C*	
...	...	...	...	...	...	...	...	...	...	Nil	**1·5**	Nil	**0·66**	Nil	**5·21**	**4·62**	**Lahore**	
...	...	...	...	...	...	...	...	...	...	Nil	1·6	Nil	0·84	Nil	6·62	5·60	Lahore Cant. *C.*	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·27	Nil	7·35	4·21	Manihala *C*	
not received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	Dafthu *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·20	Nil	5·00	3·02	Nijabat *C*	
not received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	Buchar *C*	Amritsar.
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·36	Nil	13·28	3·87	Khara *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·42	Nil	16·52	5·06	Tarn Taran	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·39	Nil	14·04	5·54	Raya *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·58	Nil	8·02	5·94	Amritsar Jail Hospital	
...	...	...	...	...	...	...	...	...	...	Nil	**1·9**	Nil	**0·65**	Nil	**9·24**	**5·70**	**Amritsar *C***	
...	...	...	...	...	...	...	...	...	...	Nil	1·6	Nil	0·96	Nil	7·10	6·42	Buggeh *C*	
...	...	...	...	...	...	...	...	...	...	1	1·4	0·14	0·58	0·14	8·46	5·20	Ajnala	
...	...	...	...	...	...	...	...	...	...	Nil	1·6	Nil	0·66	Nil	10·31	6·55	Aliwal *C*	Gurdaspur.
...	...	...	...	...	...	...	...	...	...	1	1·2	0·18	0·57	0·18	13·81	6·83	Batala	
...	...	...	...	...	...	...	...	...	...	Nil	1·6	Nil	0·68	Nil	15·40	8·23	Tibri *C*	
...	...	...	...	...	...	...	...	...	...	Nil	**1·7**	0·06	**0·75**	0·06	**13·02**	**8·25**	**Gurdaspur**	
...	...	...	...	...	...	...	...	...	...	Nil	1·8	Nil	0·91	Nil	17·40	10·76	Pathankot	
...	...	...	...	...	...	...	...	...	...	Nil	4·4	Nil	2·54	Nil	32·98	26·05	Dalhousie	
...	...	...	...	...	...	...	...	...	...	Nil	2·4	Nil	0·94	Nil	20·72	12·93	Madhopur *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·6	0·13	0·83	0·08	16·45	8·71	Shakargarh	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·77	Nil	11·66	7·75	Zafarwal	Sialkot.
...	...	...	...	...	...	...	...	...	...	Nil	1·6	Nil	0·77	Nil	13·09	7·42	Pasrur	
...	...	...	...	...	...	...	...	...	...	1	1·3	0·28	0·72	0·28	7·35	6·01	Raya	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·83	Nil	8·56	6·64	Daska	
...	...	...	...	...	...	...	...	...	...	Nil	**2·2**	Nil	**1·11**	Nil	**12·56**	**8·87**	**Sialkot**	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·62	Nil	11·37	5·25	Ramnagar	Gujranwala.
...	...	...	...	...	...	...	...	...	...	Nil	1·9	Nil	0·70	Nil	8·08	5·92	Wazirabad	
...	...	...	...	...	...	...	...	...	...	Nil	**2·1**	Nil	**0·74**	Nil	**10·81**	**6·40**	**Gujranwala Sadr Kacheri.**	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·52	Nil	2·35	3·79	Sheikhupura	
...	...	...	...	...	...	...	...	...	...	Nil	1·4	Nil	0·59	Nil	3·88	5·17	Hafizabad	
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·38	Nil	3·83	4·78	Khangah Dogran.	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·40	Nil	2·97	3·46	Sharakpur	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	0·19	Nil	4·91	4·62	Shahjamal *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·22	Nil	4·09	3·34	Pacca Dalla *C*	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·38	Nil	2·40	3·34	Feroz C	
...	...	...	...	...	...	...	...	...	...	Nil	**1·9**	Nil	**0·84**	Nil	**10·11**	**8·06**	**Sadr (Gujrat)**	Gujrat.
...	...	...	...	...	...	...	...	...	...	Nil	2·0	Nil	0·87	Nil	13·44	8·31	Kharian	
...	...	...	...	...	...	...	...	...	...	Nil	1·7	Nil	0·80	Nil	7·73	6·35	Phalia	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·55	Nil	3·33	4·28	Midh	Shahpur.
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·55	Nil	4·73	3·97	Sahiwal	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·47	Nil	4·09	3·57	Nurpur	
...	...	...	...	...	...	...	...	...	...	1	1·0	0·26	0·65	0·26	15·55	4·86	Sakesar	
...	...	...	...	...	...	...	...	...	...	Nil	1·9	Nil	1·01	Nil	11·95	7·50	Naushehra	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	0·05	0·54	0·05	4·12	4·25	Khushab	
...	...	...	...	...	...	...	...	...	...	Nil	**1·6**	Nil	**0·77**	Nil	**5·88**	**5·01**	**Shahpur**	
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·70	Nil	6·87	5·24	Bhera	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	0·01	0·34	0·01	6·66	4·97	Sargodha	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	8·09	?	Bhalwal	

rain-gauge station.
averages have been fixed.

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Jhelum.	Pind Dadan Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chakwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi.	Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujar Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kahuta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Murree ...	...	0·06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Attock.	Talagang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pindigheb ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fatehjang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Attock ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·26	...	...	...	...	...
Mianwali.	Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Isa Khel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhakkar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery.	Okara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pakpattan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dipalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lyallpur.	Toba Tek Singh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Samundri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...
	Jaranwala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...
	Lyallpur C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tarkhani C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muridwala C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wariam C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Badwali C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhang.	Shorkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chiniot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Laklani C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sandyanwala C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan.	Mailsi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lodhran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shujabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Multan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kabirwala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muzaffargarh.	Alipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sinanwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah ...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dera Ghazi Khan.	Taunsa (Sanghar Tahsil).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dera Ghazi Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Munro ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—Denotes canal

?—Indicates that the

The Assistant Commissioner, Kulu, reports that snowfall during the month of April 1918 was heavy and late, while during

Punjab for the month of May 1918—concluded.

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1917 up to 31st May 1918.	Average rainfall from 1st October up to 31st May.	Station.	District.
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·56	Nil	7·62	5·72	Pind Dadan Khan	Jhelum.
...	...	...	...	...	...	...	...	...	...	Nil	1·9	Nil	0·95	Nil	15·32	8·26	Sadr Station (Jhelum)	
...	...	...	...	...	...	...	...	...	...	Nil	2·1	Nil	0·88	Nil	10·35	6·81	Chakwal	
...	...	...	...	...	...	...	...	...	...	Nil	2·9	Nil	1·15	Nil	18·25	12·12	Rawalpindi	Rawalpindi.
...	...	...	...	...	...	...	...	...	...	Nil	2·8	Nil	1·18	Nil	14·73	10·68	Gujar Khan	
...	...	...	...	...	...	...	...	...	...	Nil	2·7	Nil	1·12	Nil	21·7[illegible]	13·11	Kahuta	
...	...	...	...	...	...	...	...	...	...	Nil	5·9	0·12	3·21	0·05	28·52	21·41	Murree	
...	...	...	...	...	...	...	...	...	...	Nil	2·4	Nil	1·13	Nil	8·70	7·[illegible]2	Talagang	Attock.
...	...	...	...	...	...	...	...	...	...	Nil	1·9	Nil	0·73	Nil	9·04	7·2[illegible]	Pindigheb	
...	...	...	...	...	...	...	...	...	...	Nil	2·0	Nil	0·89	Nil	15·49	9·07	Fatehjang	
...	...	...	...	...	...	...	...	...	...	1	1·3	0·26	0·77	0·26	12·65	9·99	Attock	
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·55	Nil	3·19	4·77	Mianwali	Mianwali.
...	...	...	...	...	...	...	...	...	...	Nil	1·3	Nil	0·63	Nil	3·00	4·[illegible]0	Isa Khel	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·28	Nil	4·41	2·61	Bhakkar	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·33	Nil	1·94	2·64	Okara	Montgomery.
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·34	Nil	2·58	2·50	Montgomery	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·30	Nil	2·04	2·01	Pakpattan	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·20	Nil	2·95	2·39	Dipalpur	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·24	Nil	1·55	2·95	Toba Tek Singh	Lyallpur.
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·29	Nil	1·43	3·16	Samundri	
...	...	...	...	...	...	...	...	...	...	1	1·1	0·17	0·35	0·17	1·85	3·45	Lyallpur	
...	...	...	...	...	...	...	...	...	...	Nil	?	0·06	?	0·06	3·48	?	Jaranwala	
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·26	Nil	1·38	2·60	Lyallpur *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·4	Nil	0·23	Nil	0·95	2·12	Tarkhani *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·15	Nil	3·69	1·88	Muridwala *C*	
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	0·05	Nil	1·22	2·32	Wariam *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·14	Nil	1·80	3·13	Badwali *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·25	Nil	2·73	2·33	Shorkot	Jhang.
...	...	...	...	...	...	...	...	...	...	Nil	1·1	Nil	0·38	Nil	·334	2·95	Jhang	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·44	Nil	3·79	[illegible]·44	Chiniot	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·24	Nil	3·43	2·00	Laklani *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·19	Nil	1·11	2·02	Sandyanwala *C*	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·29	Nil	1·44	1·56	Mailsi	Multan.
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·17	Nil	2·06	1·50	Lodhran	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·15	Nil	1·33	1·42	Shujabad	
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·23	Nil	2·66	2·[illegible]6	Multan	
...	...	...	...	...	...	...	...	...	...	Nil	0·4	Nil	0·14	Nil	2·82	1·69	Kabirwala	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·14	Nil	2·33	1·45	Alipur	Muzaffargarh.
...	...	...	...	...	...	...	...	...	...	Nil	0·7	Nil	0·27	Nil	2·00	1·96	Muzaffargarh	
...	...	...	...	...	...	...	...	...	...	Nil	0·6	Nil	0·22	Nil	2·14	2·16	Sinanwan	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	0·02	0·28	0·02	2·90	2·54	Leiah	
...	...	...	...	...	...	...	...	...	...	Nil	0·8	Nil	0·60	Nil	3·65	2·95	Taunsa (Sanghar Tahsil)	Dera Ghazi Khan.
...	...	...	...	...	...	...	...	...	...	Nil	1·0	Nil	0·37	Nil	2·10	2·44	Dera Ghazi Khan	
...	...	...	...	...	...	...	...	...	...	Nil	1·2	Nil	0·55	Nil	0·37	3·50	Fort Munro	
...	...	...	...	...	...	...	...	...	...	Nil	0·9	Nil	0·31	Nil	2·03	1·76	Jampur	
...	...	...	...	...	...	...	...	...	...	Nil	0·5	Nil	0·33	Nil	1·58	1·67	Rajanpur	

rain-gauge station.
averages have been fixed.
May it was nominal.

MAHBUB SHAH, SUPERINTENDENT,
Office of Director of Land Records, Punjab.

Notes on the condition and prospects of crops, etc., in each district of the Punjab for the month of May 1918.

1.—HISSAR DISTRICT.

No rain during this month. Outturn of wheat, gram and barley normal. Condition of standing extra rabi crops good. Cattle in good condition Fodder sufficient. Public health good. Water in perennial canals sufficient. Inundation canals dry. Prices stationary.

2.—ROHTAK DISTRICT.

Rainfall was below average. Sowings of irrigated sugarcane and cotton continued, and are yet below normal. Yield of wheat, barley and gram is generally fair to good. Standing sugarcane, cotton and extra rabi crops are in good condition. Cattle are generally in good condition Supply of fodder is sufficient. Supply of canal water is adequate. Prices are between normal and warning rates.

3.—GURGAON DISTRICT.

No rain. Cotton, sugarcane and chari were being sown on irrigated areas and germinated well. Condition of the standing extra rabi crops good. Yield expected to be average. Cattle in good condition. Fodder available. Health of people fair. Canal was running and supply of water sufficient.

4.—KARNAL DISTRICT.

No rain fell during the month. Sowings of sugarcane completed. About one-fourth of cotton sowings finished. Fodder crops were sown. The condition of sugarcane is not good owing to bad seed and dry weather. It did not germinate well. Cotton is average. Yield is expected about average. The condition of cattle is generally good. Fodder is sufficient. Grazing exhausted in the jungle, and water is scarce in many parts of the district. Cattle were taken away for grazing to sub-montane districts in United Provinces. Public health is generally good. No inundations. Canals worked satisfactorily.

5.—AMBALA DISTRICT.

Rainfall slight. Condition of standing extra rabi and sugarcane crops is good. Yield of irrigated rabi crops is average and that of unirrigated below average. Cattle generally are in good condition. Fodder and water-supply sufficient. Public health is generally good. Western Jumna Canal flowed continuously. Water adequate for irrigation purposes. Prices have risen slightly.

6.—SIMLA DISTRICT.

Rainfall insufficient. Maize was sown to a small extent. Condition of crops average. The yield in the Simla Tahsil was as follows:—

	Irrigated.	*Unirrigated.*
	Seers per acre.	Seers per acre.
Wheat	310	252
Barley	290	235

General condition of cattle good. Fodder and grazing sufficient. Public health good. Water-supply from hill streams sufficient.

7.—KANGRA DISTRICT.

Rainfall during the month was much below the average. One-half of rice sowings finished. Sowings of other kharif crops is in progress in Kangra proper, while in Kulu Sub-Division it has not yet been commenced for want of rain. Crops sown are in fair condition at present. The yield of rabi crops is below the average on the whole. Cattle are generally in fair condition. Fodder is sufficient. Public health is generally good. Water in Kuhls and streams was sufficient for irrigation purposes. There is a slight fall in prices.

8.—HOSHIARPUR DISTRICT.

Rice has been sown in this month. Condition of crops good. Expected yield slightly below normal. Cattle generally in good condition. Fodder sufficient. Public health generally good. Irrigation by Shah Nahr Canal continued. Prices stationary.

9.—JULLUNDUR DISTRICT.

No rain. Sowings of extra rabi, cotton and sugarcane completed. Condition of zaid rabi, cane and cotton good. Outturn of irrigated crops is disappointing, and of unirrigated is better than expected. Cattle generally in good condition. Fodder and water sufficient.

10.—Ludhiana District.

No rainfall. The kharif crops are germinating. The irrigated spring crops yield about average and unirrigated much below it. Cattle are in average condition. Fodder average. Public health fair. Canal is working well.

11.—Ferozepore District.

The weather has been entirely dry. No sowings were undertaken in this month. The condition of standing extra rabi crops is satisfactory. The expected yield is below :—

	Irrigated.	*Unirrigated.*
	Maunds per acre.	Maunds per acre.
Wheat	9-12	4-7
Gram	5-8	4-6

The condition of cattle is satisfactory. Dry fodder is available though grazing is scarce. The state of public health is good. Sirhind Canal worked well. Grey Canals also commenced running during the latter part of the month.

12.—Lahore District.

No rain fell during the month, but the standing crops were not affected thereby. Chari, cotton, sugarcane, etc., were sown to normal extent. The standing extra rabi and kharif crops are good. The expected yield of crops on irrigated lands is average, and on the unirrigated lands less than average. Condition of cattle good. Fodder and water sufficient. Public health average. Canal water-supply sufficient. No flood in the River Ravi. Prices high.

13.—Amritsar District.

Cotton and chari were sown. The condition and expected yield of standing irrigated crops good, and of unirrigated crops average. The condition of cattle good. Public health generally good. Canals are working by rotation. Supply sufficient.

14.—Gurdaspur District.

Rainfall slight and much below average. The sowing of extra spring crops and of cotton, cane and fodder has been completed, but cotton and cane in the Batála Tahsil is said to have been damaged. Standing crops generally good. Wheat and barley crops have been threshed; the outturn of the irrigated area is above average, while that of unirrigated is below the average. Cattle generally good, fodder sufficient. Rivers and Government canals are flowing; no floods. Prices have generally fallen.

15.—Sialkot District.

Sowing of kharif crops continued to average extent. Condition of standing extra rabi and kharif crops average. Yield of gram and barley average, but of wheat poor. Condition of cattle average. Public health generally good. Irrigation by canal and jhallars continued.

16.—Gujranwala District.

No rain fell during this month. Sowings of fodder are in progress, and those of cotton are finished. The condition of kharif and extra rabi crops is fair. Yield of gram and irrigated wheat is average and of unirrigated wheat below average. The condition of cattle is fair. Fodder is sufficient. Public health is generally good. Canal irrigation is done by rotational turns; supply sufficient.

17.—Gujrat District.

No rain. Sowing of cotton, sugarcane and extra rabi crops finished. Condition of standing crops generally fair. Threshing of wheat progressing vigorously. Yield is estimated to be average on irrigated lands and below average for barani crops. Cattle are generally in good condition and fodder is sufficient. Public health generally good. Canal running.

18.—Shahpur District.

There was a slight rainfall during the month, which proved beneficial for standing crops. Sowing of cotton, jowar and bajra continued. Condition of standing crops was good on irrigated and normal on unirrigated areas. Yield of wheat was normal. Condition of cattle was generally good. Fodder was sufficient. Lower Jhelum Canal and innundation canals continued to flow with a sufficient supply of water.

19.—Jhelum District.

No rainfall and no fresh sowings. Extra rabi crops in fair condition. The yield of rabi crops is average. Cattle in good condition. Fodder sufficient. Public health generally good. Prices stationary.

20.—Rawalpindi District.

No rainfall and no sowings. The condition of extra rabi and kharif crops average. Wheat harvested: yield below average. Condition of cattle good, and dry fodder sufficient.

21.—Attock District.

No raih practically. The condition of extra rabi crops is good. The threshing of spring crops is still going on. Cattle in good condition. Public health is generally good. Water is sufficient. Prices have slightly fallen.

22.—Mianwali District.

No rain. Condition and expected outturn of standing crops was above average on irrigated and average on unirrigated areas. Cattle are in fair condition. Fodder and grazing are procurable. Public health is good. Kurram Canal in Isa Khel Tahsil and Nammal Canal in Miánwáli are watering land sufficiently. The River Indus is rising every day.

23.—Montgomery District.

Sowings of extra rabi crops and cotton continued. Condition of standing crops is good. Outturn of rabi crops is good. Condition of the cattle is good. Fodder is sufficient. Public health is generally good. Canals are flowing. Kharif crops are being irrigated. No flood in river. Prices high.

24.—Lyallpur District.

Rainfall nominal. Sowings of cotton and fodder crops continued during the month and were normal. Cotton sowings damaged by "Sundi" to some extent. Condition of crops is generally good. Wheat harvesting in progress. Yield of gram and wheat estimated to be 10 and 14 maunds per acre respectively. Condition of cattle generally good. Fodder sufficient. Public health generally good. Canal worked satisfactorily by rotational closures.

25.—Jhang District.

No rainfall. Extra rabi crops being sown. Sowing of cotton finished. Condition of standing crops good. Wheat, barley and gram were harvested. Yield in Shorkot is expected to be average to good. Cattle healthy. Fodder is available. Public health generally good. Canals flowing, no innundation in the river.

26.—Multan District.

There was no rain throughout the district. Sowings of kharif crops have begun on irrigated land and are normal. The condition of extra rabi crops is average to good. Gram, barley, wheat and tobacco harvested. Yield on irrigated land is good and that on unirrigated land below average to average. Condition of cattle good. Fodder sufficient. Public health good. Canals working and the supply is good. No flood in rivers. Prices of foodstuffs stationary.

27.—Muzaffargarh District.

Rainfall nominal. Indigo, cotton, chari and rice seedings being sown. Condition of crops on the whole good. Rabi crops harvested and threshing in full progress. Average yield of wheat in irrigated area is $7\frac{1}{2}$ maunds and in that of unirrigated $5\frac{1}{2}$ maunds per acre. Public health good. Canals running. Floods in both the rivers. Prices of food-grains falling slightly.

28.—Dera Ghazi Khan District.

No rain. In the three southern tahsils sowings of indigo, jowar, bajra, cotton and rice have commenced with the aid of canal water. The extra rabi crops are doing well. The yield of the rabi crops is satisfactory. The condition of cattle is good. Fodder sufficient. Canals began to flow about the end of the first week of the month. The river is gradually rising and the canals are giving a satisfactory supply. There were no floods in the hill torrents during the month. Prices have fallen considerably.

MAHBUB SHAH, Superintendent,

for *Director of Land Records, Punjab.*

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 8th June 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hissar ...	Hissar ...	17,162	3	3	6	13	8	5	...	3	...	3	2	1	...	4	2	1	3	18	40	1
2		Hánsi ...	14,576	3	4	7	7	4	3	...	...	1	2	...	...	...	4	2	2	4	25	25	2
3		Bhiwáni ...	31,100	6	8	14	23	11	12	...	...	...	5	1	2	...	15	3	2	5	24	39	3
4		Sirsa ...	14,629	2	...	2	9	5	4	...	...	...	4	2	1	...	2	2	1	3	7	32	4
5	Rohtak ...	Rohtak ...	19,862	16	14	30	30	19	11	...	1	..	9	...	5	..	15	10	3	13	79	79	5
6		Jhajjar ...	10,617	6	5	11	11	4	7	...	...	...	4	1	...	...	6	1	3	4	54	54	6
7		Sonepat ...	12,014	5	6	11	11	2	9	...	...	...	7	...	...	...	4	1	6	7	48	48	7
8	Gurgaon ...	Rewári ...	24,780	11	3	14	25	14	11	...	...	...	2	4	2	...	17	3	2	5	29	53	8
9	Karnál ...	Karnál ...	21,018	7	10	17	17	9	8	...	...	...	11	1	1	...	4	2	4	6	42	42	9
10		Kaithal ...	12,912	8	7	15	9	3	6	...	...	...	6	...	1	...	2	2	3	5	61	37	10
11		Pánipat ...	26,342	12	19	31	23	10	13	...	...	...	12	...	1	...	10	5	6	11	62	46	11
12		Shahabad ...	11,054	2	5	7	8	4	4	...	...	1	2	...	2	...	3	1	2	3	33	38	12
13	Ambála ...	Ambála ...	24,493	6	3	9	18	13	5	...	...	...	8	6	1	...	3	7	1	8	19	38	13
14		Jagádhri ...	12,045	5	2	7	15	9	6	...	...	...	10	...	1	...	4	2	2	4	30	65	14
15	Hoshiárpur ...	Hoshiárpur ...	16,980	8	3	11	14	10	4	...	...	...	3	...	4	...	7	2	1	3	33	43	15
16	Jullundur ...	Jullundur ...	55,354	17	20	37	31	12	19	...	...	2	20	4	3	...	2	3	4	7	35	29	16
17	Ludhiána ...	Ludhiána ...	43,152	13	13	26	38	17	21	...	...	...	23	4	4	...	7	6	9	15	31	46	17
18		Jagraon ...	15,039	5	5	10	9	3	6	...	...	...	2	1	1	...	5	2	2	4	35	31	18
19	Ferozepore ...	Ferozepore ...	24,678	5	6	11	11	4	7	...	...	...	5	2	1	...	3	2	2	4	23	23	19
20		Fázilka ...	10,985	5	4	9	5	2	3	...	...	...	3	...	1	...	1	...	2	2	43	24	20
21	Lahore ...	Lahore ...	210,271	46	38	84	144	87	57	...	1	...	91	4	11	4	33	33	17	50	21	36	21
22		Kasúr ...	24,783	7	9	16	9	6	3	...	...	...	3	...	2	...	4	3	1	4	34	19	22
23	Amritsar ...	Amritsar ...	151,339	25	32	57	121	60	61	...	...	...	47	8	51	...	15	9	10	19	20	42	23
24	Gurdáspur ...	Batála ...	26,430	8	7	15	15	6	9	...	...	...	12	...	2	...	1	2	1	3	30	30	24
25	Siálkot ...	Siálkot ...	48,595	17	14	31	20	12	8	...	...	1	5	2	7	...	5	4	1	5	33	21	25
26	Gujránwála	Gujránwála ...	23,687	12	8	20	27	16	11	...	...	...	11	2	2	...	12	4	4	8	37	49	26
27		Wazírabad ...	17,146	6	4	10	6	4	2	...	...	...	4	...	...	...	2	1	1	2	30	18	27
28	Gujrát ...	Gujrát ...	18,692	9	9	18	17	7	10	...	...	...	11	1	3	...	2	3	3	6	50	48	28
29		Jalálpur ...	11,615	7	2	9	16	7	9	...	...	...	6	3	4	...	3	2	3	5	40	71	29

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	8	6	14	16	9	7	...	...	1	6	2	...	...	7	7	4	11	48	54	[illegible]
31		Khusháb ...	10,159	3	...	3	5	3	2	...	...	...	3	...	...	...	2	...	1	1	15	26	[illegible]
32	Jhelum ...	Jhelum ...	12,298	1	4	5	11	4	7	...	...	...	5	...	3	...	3	2	2	4	21	46	[illegible]
33		Pind Dádan Khan	10,590	4	3	7	3	2	1	...	...	...	1	...	1	...	1	...	...	...	34	15	[illegible]
34	Ráwalpindi ...	Ráwalpindi ...	46,642	13	23	36	43	28	15	-	...	...	10	10	13	1	9	11	5	16	40	48	[illegible]
35	Lyallpur ...	Lyallpur ...	19,578	4	2	6	6	3	3	...	...	...	4	...	...	...	2	2	...	2	16	16	[illegible]
36	Jhang ...	Jhang-Maghiána	25,914	11	3	14	15	10		...	...	...	10	1	...	...	4	4	2	6	28	30	[illegible]
37		Chiniot ...	14,085	8	3	11	9	5	4	...	...	...	5	...	...	...	4	3	2	5	40	33	[illegible]
38	Multán ...	Multán ...	85,747	16	14	30	44	25	19	1	...	...	16	1	7	...	19	9	3	12	18	27	[illegible]
	Grand Total ...		1,196,515	350	321	671	854	457	397	1	5	6	391	62	138	5	246	157	118	275	29	37	
	Hill Sanitaria.																						
	Simla ...	... ...	18,934				Return not received.																
	Dharmsála	... ...	2,518	1	1	2	4	3	1	...	...	...	3	...	1	...	...	1	1	2	41	82	
	Dalhousie ...	... ...	938	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,361	1	...	1	2	1	1	...	...	...	2	...	...	...	...	...	...	...	36	71	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 8th June 1918 there were 671 births registered in the 38 large municipal towns (350 males and 321 females), giving a birth rate of 29 *per mille* of population, and 854 deaths were registered (457 males and 397 females), giving a death rate of 37 *per mille* of population. The death rates registered in the three largest towns were as follows :—Lahore 36 against 46 in the corresponding week of the previous year, Amritsar 42 against 29 and Multán 27 against 21.

There were 2 deaths reported from plague in Jullundur and 1 each in Hansi, Shahabad, Siálkot and Bhera. Of the 5 deaths from small-pox 3 were registered in Hissar and 1 each in Rohtak and Lahore. Only 1 death was recorded from cholera in Multán.

Sanitary Commissioner's Office,
Lahore:
The 19th June 1918.

W. H. MILLS, Supdt.,
for *Sanitary Commissioner, Punjab.*

625 PGG—650—21-6-18—SGPP Lahore.

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PUNJAB AND ITS DEPENDENCIES.

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PART I.

STATISTICAL.

Weather, Health and Crop Report for week ending 8 A.M., Tuesday, the 25th June 1918.

[Fourteen out of 28 districts are dealt with.]

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn
1	Hissar ...	0·25 at Sadr .. 0·25 at Hansi ... 0·47 at Tohána ...	1. Sufficient ... 2. (b) Water sufficient in perennial canals. 3. Good.	Wheat, 9½ ... Gram, 14½. Bajra, 9½. Bejhar, 15. Prices between normal and warning rates.	Irrigated extra spring crops in good condition, and are being harvested.	Sowings of irrigated cotton continue and are normal.
2	Rohtak	0·10 at Sadr ... 0·35 at Jhajjar ...	1. Sufficient ... 2. (a) Do. 3. Fairly good.	Wheat, 10 ... Gram, 14½. Barley, 14. Jowar, 11. Bajra, 11. Prices between normal and warning rates.	Standing extra spring crops in good condition.	More rain wanted for sowings. Standing sugarcane and cotton average. Sowings of cotton continue and are below normal.

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No.	Reporting station	Rain.	1. Supply of fodder. 2. Water-supply for — (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of — Spring.	Autumn.
3	Gurgaon ...	0·13 at Sadr ... 0·06 at Firozpur-Jhirka. 0·27 at Ballabgarh.	1. Sufficient ... 2. (b) Do. 3. Good.	Wheat, 9½ to 12½... Barley, 14 to 17. Gram, 12½ to 17½. Maize, 10. Prices generally between normal and warning rates.	Standing extra spring crops are in good condition.	Rain urgently needed for sowings. Standing cotton and sugarcane are in good condition.
4	Ambála	0·04 at Sadr ... 0·80 at Kharar. 0·07 at Rupar. 0·65 at Kasauli.	1. Generally sufficient. 2. (a) Sufficient. (b) Canal flowed continually, water adequate. 3. Generally good.	Wheat, 9¾ ... Gram, 11¾. Barley, 13. Maize, 11. Bajra, 9¾. Prices generally between normal and warning rates.	Extra spring crops in good condition. Yield expected to be average.	Rain was useful for ploughings which continue and are above normal. Sowings of cotton and maize continue in some places and are below normal. Germination good. Standing sugarcane in good condition.
5	Jullundur			Statement not received.		
6	Ferozepore	...	1. Sufficient ... 2. (a) Do. (b) Do. 3. Good	Wheat, 10 ... Gram, 13. Prices between normal and warning rates.	Standing extra spring crops normal.	Standing crops satisfactory.
7	Lahore ...	0·40 at Sadr ... 0·11 at Kasúr. 0·15 at Chunián.	1. Sufficient ... 2. (a) Do. (b) Do. 3. Average.	Wheat, 9¼ ... Gram, 12¼. Prices between normal and warning rates.	Standing irrigated extra spring crops average.	Condition of standing cotton, sugarcane and chari average, but irrigated cotton damaged slightly by insect. Sowings of fodder crops continue, and are normal on irrigated areas and below normal on unirrigated areas.
	Amritsar ...	...	1. Sufficient ... 2. (b) Canals working by rotation. Supply sufficient. 3. Good.	Wheat, 8¾. Barley, 12. Gram, 11½. Maize, 9. Jowar, 4½. Bajra, 7½. Prices between warning and scarcity rates or at above scarcity rates.	Standing extra spring crops generally good on irrigated areas and average on unirrigated areas.	Sowings of irrigated cotton and fodder continue, and are normal.
9	Sialkot ...	...	1. Sufficient ... 2. (a) Do. (b) Canals flowing 3. Good.	Wheat, 8 & 9 ... Barley, 12½ & 13. Gram, 10½ & 11½. Prices between warning and scarcity rates or at above scarcity rates.	Extra spring crops average	Standing crops average.

No.	Reporting station.	Rain.	1. Supply of fodder. 2. Water-supply for— (a) Drinking. (b) Canal irrigation. 3. Condition of cattle.	Prices in seers per rupee.	Prospects of	
					Spring.	Autumn.
10	Shahpur ...	...	1. Sufficient ... 2. (b) Inundation and Lower Jhelum Canals flowing; supply sufficient. 3. Good.	Wheat, 9¾ to 11 ... Gram, 13½ to 15. Bajra, 10 to 12. Maize, 8 to 10. Prices generally between normal and warning rates.	Harvesting of wheat continues in parts. Yield below normal. Standing extra spring crops good on irrigated areas and normal on unirrigated areas.	Rain wanted. Standing crops good on irrigated areas and normal on unirrigated areas. Sowings of jowar, bajra, &c., in Shahpur and Khusháb Tahsils continue to normal extent. Germination fair.
11	Ráwalpindi ...	0·42 at Sadr ... 0·52 at Murree.	1. Sufficient ... 3. Good.	Wheat, 7¼ Barley, 11¾ Gram, 10. Maize, 11½. Bajra, 10½. Prices generally between warning and scarcity rates.	Standing extra spring crops average.	Rain insufficient, but useful for standing crops which are in average condition. Sowings of maize commenced and are below normal.
12	Miánwáli ...	0·19 at Sadr ...	1. Available ... 2. (a) Do. (b) Sufficient. 3. Fair.	Wheat, 10½ Gram, 15¾. Bajra, 12. Jowar, 7. Prices generally between normal and warning rates.	Condition of extra spring crops average to good on irrigated areas and below normal to normal on unirrigated areas.	
13	Lyallpur ...	0·12 at Samundri...	1. Dry fodder sufficient; green scarce. 2. (b) Satisfactory. 3. Generally good.	Wheat, 10 ... Gram, 13½. Barley 12. Prices generally between normal and warning rates.	Harvesting of wheat finished. Standing extra spring crops generally good.	Sowings of fodder crops continue and are normal. Standing crops generally good.
14	Multán ...	...	1. Available ... 2. (b) Sidhnai and all inundation canals flowing. Supply generally adequate. 3. Fair.	Wheat, 9½ Gram, 11. Maize, 8½. Jowar, 5½. Prices between warning and scarcity rates or at above scarcity rates.	Harvesting of wheat completed. Outturn average.	Standing crops good in Shujabad and normal elsewhere. Sowings of cotton, jowar, bajra, etc., continue, and are normal.

GENERAL REMARKS.

Light showers were received in parts of the south-eastern and submontane tracts and proved useful. Rain is now needed for kharif sowings. Sowings of cotton and other autumn crops continue and are below normal to normal. Standing extra spring crops and sugarcane and cotton are in average to good condition. Yield of extra spring crops is expected to be average. Cattle are healthy, and fodder and water are sufficient. Prices are stationary, but have an upward tendency. They range generally between normal and warning rates, except in some western districts, where they are between warning and scarcity rates. Prices of wheat:— Ambála 9¾, Lahore 9¼, Ráwalpindi 7½ and Ferozepore and Lyallpur 10 seers per rupee.

MAHBUB SHAH, Supdt.,

for Director of Land Records, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB AND THE NORTH-WEST FRONTIER PROVINCE DURING APRIL 1918.

Station.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 hrs. reduced to 32°, to constant gravity at 45° Lat. and to sea level.	Departure from normal.	Mean direction and velocity in miles per hour, April 1918.	Normal direction and velocity in miles per hour, April.	8 hrs.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Mean monthly departure from normal.	Humidity at 8 hrs.	Vapour tension at 8 hrs.	Amount of cloud, 10 = overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	"	"			°	°	°	°	°	°	%	"	
Hissar ...	29·797	+ ·045	N. 41° W. 5 ...	N. 28° W. 4 ...	75·9	93·9	—5·5	61·7	—6·1	—5·8	42	·360	2
Ambála ...	29·775	+ ·025	N. 16° E. 5 ...	N. 18° W. 2 ...	73·4	92·0	—3·4	62·8	—2·7	—3·1	45	·351	2
Simla ...	*23·057	— ·001	...	...	54·1	60·9	—4·3	48·1	—3·3	—3·8	44	·182	3
Ludhiána ...	29·793	+ ·038	N. 35° E. 2 ...	N. 27° E. 2 ...	70·3	88·5	—7·5	63·6	—3·2	—5·3	55	·399	2
Montgomery ...	29·795	+ ·033	N. 39° E. 5 ...	S. 83° E. 5 ...	72·4	90·1	—7·1	62·9	—4·0	—5·5	54	·405	1
Lahore ...	29·794	+ ·032	N. 2° E. 2 ...	N. 31° E. 2 ...	70·9	85·1	—8·4	61·5	—3·0	—5·7	60	·445	3
Siálkot ...	29·799	+ ·030	N. 10° E. 3 ...	N. 20° E. 2 ...	68·7	84·3	—9·7	58·4	—7·5	—8·6	66	·454	2
Khusháb ...	29·805	+ ·033	S. 85° E. 5 ...	N. 37° E. 5 ...	74·7	88·0	—5·4	63·4	—3·6	—4·5	47	·386	3
Lyallpur ...	29·795	...	N. 21° E. 3 ...	...	71·8	89·0	...	60·0	...	...	58	·430	3
Ráwalpindi ...	29·853	+ ·031	N. 81° W. 3 ...	N. 30° W. 2 ...	67·2	80·2	—6·7	54·2	—5·2	—5·9	61	·396	4
Murree ...	*23·742	— ·053	N. 51° E. 6 ...	N. 68° E. 7 ...	52·7	59·8	—7·2	47·3	—3·6	—5·4	(a) 47	(a) ·184	4
Multán ...	29·800	+ ·034	N. 22° E. 1 ...	N. 51° E. 2 ...	72·6	90·0	—7·9	65·8	—2·6	—5·3	60	·471	3
D. I. Khan ...	29·843	+ ·038	N. 8° W. 2 ...	N. 5° E. 2 ...	71·3	87·8	—5·5	62·4	—2·8	—4·1	62	·469	1
Peshávar ...	29·861	+ ·016	N. 23° W. 1 ...	S. 54° W. 3 ...	68·1	81·8	—3·7	57·7	—2·6	—3·1	63	·432	4
Párachinár ...	*24·432	+ ·038	Calm 1 ...	...	54·0	66·7	—0·9	44·2	—2·5	—1·7	(b) 56	(b) ·281	2
Cherát ...	*25·665	+ ·022	N. 19° W. 8 ...	N. 11° W. 10 ...	58·3	67·6	—5·1	51·9	—4·0	—4·5	48	·219	3
Drosh ...	(c) *25·125	...	N. 80° E. ...	...	52·6	64·9	—4·8	47·7	—1·1	—2·9	62	·244	5

(a) Mean of 28 days.
(b) „ „ 29 „
(c) — Aneroid.
* Not reduced to sea level.

Disturbances of the cold weather type appeared at intervals and produced wide-spread rain in the North-West Frontier Province and the Punjab.

Pressure and Winds.—The barometric pressure was in excess in the plains, but was normal or in defect at the level of Simla and Murree. The rate of air movement was above the average at Ráwalpindi, Siálkot, Ambála and Hissar, and below it at Murree, Multán, Pesháwar and Cherat; the mean wind direction was more northerly than usual in the central districts of the Punjab and at Pesháwar.

Temperature.—The mean temperature over the Punjab and the North-West Frontier Province was persistently low during the first seventeen days of the month, and again on the 19th, 25th and 26th; and was higher than usual from the 28th to the 30th. The coldest days by comparison with the normal were the 7th and 8th, when the recorded readings were 15° below the average.

For the month as a whole maximum and minimum temperatures were both distinctly low almost everywhere.

The following table shows for each day of the month the departure from the normal of the mean temperature of the Punjab and the North-West Frontier Province, with the highest maximum temperature registered and the name of the station recording it:—

Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.	Date.	Departure from normal of mean temperature of the Punjab and the N.-W. Frontier Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1918.	°	°		1918.	°	°	
April 1st ...	−10·0	81·7	Ludhiána.	April 17th ...	−2·8	99·8	Hissar.
" 2nd ...	−9·0	88·9	Ambála.	" 18th ...	+0·7	101·4	Do.
" 3rd ...	−6·7	83·7	Do.	" 19th ...	−3·5	96·5	Do.
" 4th ...	−7·2	90·6	Hissar.	" 20th ...	−1·0	95·9	Do.
" 5th ...	−8·2	91·4	Do.	" 21st ...	−0·2	99·2	Multán.
" 6th ...	−14·1	84·3	Do.	" 22nd ...	+0·2	102·2	Hissar.
" 7th ...	−14·9	84·1	Do.	" 23rd ...	−0·6	104·5	Do.
" 8th ...	−15·0	80·6	Do.	" 24th ...	−1·2	103·8	Do.
" 9th ...	−13·5	88·6	Do.	" 25th ...	−4·0	102·7	Ambála.
" 10th ...	−10·9	85·4	Do.	" 26th ...	−4·0	97·9	Do.
" 11th ...	−7·8	87·6	Do.	" 27th ...	−1·6	100·2	Hissar & Khusháb.
" 12th ...	−6·2	90·4	Do.	" 28th ...	+2·8	110·2	Dera Ismáil Khan.
" 13th ...	−6·1	92·7	Do.	" 29th ...	+4·9	108·0	Hissar.
" 14th ...	−5·5	92·5	Do.	" 30th ...	+4·6	108·4	Do.
" 15th ...	−4·1	94·2	Khusháb.				
" 16th ...	−4·4	98·0	Multán.				

Humidity and Cloud.—Skies were clouded to about the customary extent, but in the area represented by Ludhiána, Montgomery, Lahore, Siálkot and Multán the air was unusually damp.

Rainfall.—The month's total rainfall in the Punjab was very heavy for the time of year at all the observatories with the exception of Hissar, Khusháb and Lyallpur; the excess was as much as 8½" at Murree, 4" at Ráwalpindi, 2½" at Simla, and varied between 1" and 2" at Ambála, Ludhiána, Lahore, Siálkot and Multán. In the North-West Frontier Province the fall exceeded the average at Dera Ismáil Khan, Peshávar and Cherat, was normal at Párachinár and in defect at Drosh.

———

The following table gives the rainfall data for the Punjab and the North-West Frontier Province stations for April 1918:—

Station.	Actual rainfall in April 1918.	Normal rainfall in April.	Departure from normal in April 1918.	Station.	Actual rainfall in April 1918.	Normal rainfall in April.	Departure from normal in April 1918.
1	2	3	4	1	2	3	4
Punjab.	"	"	"	*Punjab—concluded.*	"	"	"
Hissar	0·25	0·34	−0·09	Murree	12·58	4·08	+8·51
Ambála	1·84	0·50	+1·34	Multán	1·33	0·23	+1·10
Simla	4·21	1·75	+2·46	*North-West Frontier Province.*			
Ludhiána	2·77	0·80	+1·97	Dera Ismail Khan	1·40	0·77	+0·63
Montgomery	1·02	0·31	+0·71	Peshávar	2·65	1·90	+0·75
Lahore	1·61	0·52	+1·09	Páráchinár	4·34	4·45	−0·11
Siálkot	2·67	0·92	+1·75	Cherát	5·30	2·80	+2·50
Khusháb	1·08	1·05	+0·03	Drosh	3·07	4·33	−1·26
Lyallpur	0·60	0·64	−0·04				
Ráwalpindi	5·75	1·90	+3·85				

SIMLA:
The 8th June 1918.

GILBERT T. WALKER,
Director-General of Observatories.

690 PGG

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON DURING THE FORTNIGHT

QUANTITIES PER RUPEE

1	2			3			4			5		
Districts.	*Wheat.* Present fortnight ending 15th June 1918.	*Wheat.* Past fortnight ending 31st May 1918.	*Wheat.* Corresponding fortnight of 15th June 1917.	*Barley.* Present fortnight ending 15th June 1918.	*Barley.* Past fortnight ending 31st May 1918.	*Barley.* Corresponding fortnight of 15th June 1917.	*Rice (best sort).* Present fortnight ending 15th June 1918.	*Rice (best sort).* Past fortnight ending 31st May 1918.	*Rice (best sort).* Corresponding fortnight of 15th June 1917.	*Rice (common).* Present fortnight ending 15th June 1918.	*Rice (common).* Past fortnight ending 31st May 1918.	*Rice (common).* Corresponding fortnight of 15th June 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	9 8	9 8	9 8	13 8	13 8	15 0	...	...	...	5 0	‡	7 0
Rohtak	10 2	10 2	10 12	14 0	14 0	14 2	...	...	...	6 8	6 8	6 [illegible]
Gurgaon	10 8	10 8	10 8	14 0	14 0	13 8	...	...	...	6 0	6 0	8 0
Karnál	10 2	10 4	10 8	15 0	15 8	15 4	...	...	...	5 8	6 0	8 0
Ambála	9 12	10 0	10 0	13 0	13 4	14 8	...	...	...	6 8	7 2	8 [illegible]
Simla	7 4	7 8	8 12	9 0	9 0	11 0	...	...	...	5 0	5 0	6 [illegible]
JULLUNDUR.												
Kángra	7 8	6 8	9 8	10 0	9 0	14 0	...	...	...	6 8	6 12	9 0
Hoshiárpur	9 3	9 8	11 0	14 0	14 0	15 0	...	...	...	5 8	5 8	7 0
Jullundur	10 0	10 0	10 12	13 0	13 0	14 0	...	...	...	5 8	5 8	7 0
Ludhiána	10 0	10 0	10 8	13 12	13 12	15 0	...	...	...	5 8	5 8	6 0
Ferozepore	10 8	10 0	10 4	14 0	14 0	14 8	...	...	...	5 8	5 8	7 [illegible]
LAHORE.												
Lahore	8 12	8 12	9 12	13 0	13 0	14 0	...	...	...	5 12	5 12	8 4
Amritsar	9 0	9 0	10 4	13 0	14 0	14 4	...	...	...	6 4	6 4	7 [illegible]
Gurdáspur	9 8	10 0	11 0	15 0	15 8	14 0	...	...	...	6 0	7 0	8 [illegible]
Siálkot	8 8	9 0	10 0	12 0	12 0	13 8	...	...	...	5 8	5 8	8 [illegible]
Gujránwála	9 2	8 8	11 2	13 8	13 0	14 8	...	...	...	6 0	6 0	6 11
RAWALPINDI.												
Gujrát	8 8	8 8	11 0	11 0	12 0	15 0	...	...	...	6 0	6 0	8 [illegible]
Shahpur	10 0	10 0	11 8	12 0	12 0	13 8	...	...	...	5 8	5 8	7 [illegible]
Jhelum	8 8	8 8	10 0	10 0	10 8	14 4	...	...	...	5 8	6 0	8 0
Ráwalpindi	7 8	8 4	9 4	11 12	11 12	13 8	...	...	...	6 4	6 4	8 0
Attock	8 12	9 0	9 4	13 0	13 0	14 0	...	...	...	6 0	6 8	7 0
Miánwáli	10 0	10 6	10 2	‡	‡	14 0	...	...	...	4 8	5 12	7 0
MULTAN.												
Montgomery	10 6	10 2	10 8	12 8	12 0	12 0	...	...	...	5 8	5 12	6 12
Lyallpur	10 0	10 0	10 8	2 0	12 0	14 0	...	...	...	6 0	6 0	7 4
Jhang	10 0	10 4	10 4	12 4	12 4	12 12	...	...	...	5 4	5 4	7 0
Multán	9 1	10 4	10 4	12 12	13 0	13 0	...	...	...	7 0	7 0	9 0
Muzaffargarh	10 4	10 4	10 12	12 0	12 0	12 8	...	...	...	7 8	7 8	8 [illegible]
Dera Gházi Khan ...	10 0	9 12	10 0	12 8	13 2	14 0	...	...	...	5 4	6 0	9 [illegible]

‡ Not sold

†Not produced.

NOTE.—The prices of rice as shown in the statement are

N.B.—Variations in prices are due to fluctuation

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH JUNE 1918.

THE ORDINARY SEER OF 80 TOLAS.

1	6			7			8			9		
Districts.	*Jowar or Cholum (Andropogon Sorghum).*			*Bajra or Cumbu (Pennisetum Typhoideum).*			*Mandwa, Marua or Ragi (Eleusine Coracana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*		
	Present fortnight ending 15th June 1918.	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.	Present fortnight ending 15th June 1918.	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.	Present fortnight ending 15th June 1918.	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.	Present fortnight ending 15th June 1918.	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar.	‡	‡	‡	9 8	9 8	15 0	‡	‡	†	‡	‡	†
Rohtak.	11 0	11 0	16 0	11 0	11 0	15 0	†	†	†	†	†	†
Gurgaon.	8 0	8 0	13 0	10 0	10 0	15 0	†	†	§	†	†	§
Karnál.	‡	‡	†	‡	‡	†	†	†	†	†	†	†
Ambála.	7 8	7 8	17 0	9 12	9 12	14 0	†	15 8	17 0	9 12	9 12	9 12
Simla.	6 4	6 4	9 4	7 8	7 8	11 0	‡	‡	†	‡	‡	†
JULLUNDUR.												
Kángra.	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Hoshiárpur.	4 8	6 0	11 0	§	§	12 0	†	†	†	‡	‡	†
Jullundur.	5 8	5 8	12 0	†	†	12 0	†	†	†	9 0	9 0	8 8
Ludhiána.	8 0	8 0	13 0	7 8	7 8	13 0	†	†	†	6 0	6 0	7 0
Ferozepore.	‡	‡	10 8	†	†	12 0	†	†	†	‡	‡	†
LAHORE.												
Lahore.	7 12	7 12	11 8	8 8	8 8	13 0	§	§	†	10 0	10 0	12 8
Amritsar.	4 12	5 12	11 4	7 0	9 0	14 4	§	§	§	10 0	10 0	13 12
Gurdáspur.	4 8	6 0	11 0	§	§	†	§	§	†	8 0	8 0	8 0
Siálkot.	§	§	10 0	§	§	§	§	§	§	§	§	§
Gujránwála.	5 0	7 0	10 12	§	§	§	§	§	§	§	§	†
RAWALPINDI.												
Gujrát.	§	§	§	§	§	14 0	§	§	†	§	§	§
Shahpur.	6 0	6 0	12 0	§	§	15 4	§	§	§	§	§	§
Jhelum.	4 8	5 0	11 0	9 0	10 0	13 0	†	†	†	†	†	†
Ráwalpindi.	6 4	6 4	11 0	10 12	10 12	13 12	‡	‡	†	‡	‡	†
Attock.	‡	‡	‡	10 8	11 0	12 8	‡	‡	†	‡	‡	†
Miánwáli.	7 0	7 0	10 0	12 0	11 0	14 0	†	†	§	†	†	§
MULTAN.												
Montgomery.	5 0	5 4	10 0	§	§	12 0	§	§	§	§	§	§
Lyallpur.	§	§	12 0	§	§	†	§	§	†	§	§	†
Jhang.	4 0	4 0	9 0	6 0	6 0	13 0	14 0	14 0	14 0	11 8	11 8	11 8
Multán.	5 8	6 4	12 12	8 12	8 12	13 12	‡	‡	†	9 0	9 0	13 0
Muzaffargarh.	§	§	§	§	§	§	§	§	§	§	§	§
Dera Ghási Khan.	5 4	5 4	13 0	8 0	8 12	13 0	‡	‡	‡	‡	‡	‡

§Not procurable.
for the quality in common demand.
In imports and exports.

STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON DURING THE FORTNIGHT

1	10			11			12			13		
	QUANTITIES PER RUPEE AT											
Districts.	Gram, Chana, Chola, Kadalay or Sunaga (Cicer arietinum).			Maize (Zea Mays).			Arhur or Thur Cadjan Pea (Cajanus indicus).			Firewood.		
	Present fortnight ending 15th June 1918.	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.	Present fortnight ending 15th June 1918.	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.	Present fortnight ending 15th June 1918.	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.	Present fortnight ending 15th June 1918	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
AMBALA.												
Hissar	14 8	14 8	13 8	‡	‡	‡	‡	‡	‡	80 0	60 0	70
Rohtak	14 8	14 0	14 0	§	§	‡	8 0	8 0	9 0	50 0	50 0	70
Gurgaon	13 8	13 8	13 4	10 0	10 0	12 8	8 8	9 0	9 0	60 0	60 0	80
Karnál	14 0	14 0	14 0	‡	‡	†	8 0	8 0	9 0	90 0	90 0	110
Ambála ...	11 8	11 8	13 0	11 0	13 0	16 0	7 12	7 12	8 12	85 0	85 0	95
Simla	9 0	8 4	10 4	9 4	9 0	11 0	6 4	6 8	5 12	53 0	53 0	64
JULLUNDUR.												
Kángra	7 0	6 8	9 8	10 0	10 0	12 0	4 12	4 8	5 0	80 0	80 0	80
Hoshiárpur	11 0	11 0	12 4	11 0	9 8	15 0	‡	‡	†	70 0	75 0	80
Jullundur	11 4	11 0	12 12	11 4	11 4	15 4	§	§	†	45 0	45 0	70
Ludhiána	12 12	12 12	14 0	12 0	12 8	15 0	8 8	8 8	10 8	50 0	50 0	70
Ferozepore	13 0	13 0	13 0	§	§	†	5 0	5 0	5 8	(a)	45 0	60
LAHORE.												
Lahore	12 4	12 0	12 8	8 12	8 12	13 8	6 8	6 8	7 4	40 0	40 0	80
Amritsar	11 8	11 0	13 4	9 4	10 0	14 4	7 0	7 0	8 10	45 0	45 0	70
Gurdáspur	10 0	10 0	13 0	10 0	10 0	14 0	§	§	†	60 0	60 0	60
Siálkot	10 0	11 0	11 8	§	§	§	§	§	†	60 0	70 0	70
Gujránwála	12 12	12 0	12 12	§	§	†	§	§	†	43 0	43 0	63
RAWALPINDI.												
Gujrát	10 12	11 0	11 0	‡	‡	12 0	†	†	†	45 0	45 0	65
Shahpur	13 0	13 0	12 0	9 12	9 12	13 0	7 0	7 0	7 0	53 0	50 0	63
Jhelum	9 8	†	12 0	8 8	9 0	12 0	6 0	6 0	6 8	45 0	45 0	53
Ráwalpindi	10 4	10 8	11 4	11 12	10 12	11 8	7 4	7 8	8 0	38 0	38 0	53
Attock	11 12	11 8	11 12	13 0	13 0	11 8	5 8	5 8	5 4	46 0	46 0	61
Miánwáli	14 8	14 8	12 12	‡	‡	§	‡	‡	§	40 0	45 0	55
MULTAN.												
Montgomery	12 4	12 2	12 4	7 0	8 0	12 0	§	§	7 0	75 0	75 0	110
Lyallpur	13 0	13 0	12 0	§	§	§	6 0	6 0	8 0	37 0	37 0	55
Jhang	12 0	12 4	11 12	8 4	8 8	12 4	‡	‡	†	34 0	34 0	60
Multán	11 0	11 8	11 8	8 12	8 12	12 0	‡	‡	7 4	55 0	55 0	80
Muzaffargarh	10 4	10 4	11 8	6 8	6 8	§	§	§	§	80 0	80 0	95
Dera Ghází Khan ...	12 8	12 2	11 0	‡	‡	‡	‡	‡	‡	62 0	62 0	90

* No wholesale salt sold. † Not produced. ‡ Not sold.

N.B.—Variations in prices are due to fluctuations in

NOTE.—The price of bathu and masur at Simla during

Memo. of

In the statement for the fortnight ending 30th April 1918, under head "present" and in the statement for the fortnight

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:

Lahore, dated 26th June 1918.

AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB ENDING 15TH JUNE 1918—CONCLUDED.

THE ORDINARY SEER OF 80 TOLAS.

14						15			16			1
Salt.						*Gur.*			*Cotton (unginned).*			
Present fortnight ending 15th June 1918.		Past fortnight ending 31st May 1918.		Corresponding fortnight of 15th June 1917.								
Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.	Present fortnight ending 15th June 1918.	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.	Present fortnight ending 15th June 1918.	Past fortnight ending 31st May 1918.	Corresponding fortnight of 15th June 1917.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
												AMBALA.
*	19 0	*	19 0	17 0	18 0	8 4	8 8	7 0	3 0	3 0	4 0	Hissar.
11 0	10 8	11 0	10 8	17 0	16 0	9 0	9 0	7 0	2 6	2 6	5 0	Rohtak.
9 0	9 0	9 0	9 0	18 0	17 0	8 0	8 0	6 4	3 0	3 0	4 0	Gurgaon.
11 0	10 8	10 6	10 2	17 4	16 8	10 0	10 0	7 0	‡	‡	†	Karnál.
12 5	11 8	13 5	13 0	17 5	15 12	7 8	7 8	6 0	§	§	4 4	Ambála.
9 4	8 12	9 2	8 8	14 0	12 0	5 4	5 4	5 0	§	§	§	Simla.
												JULLUNDUR.
*	8 0	*	7 8	*	12 0	3 8	3 8	3 8	‡	‡	‡	Kángra.
12 0	11 0	12 0	11 0	18 0	17 0	5 8	5 8	6 8	‡	‡	§	Hoshiárpur.
(a)	(a)	13 4	12 0	19 8	18 4	5 0	5 0	6 0	§	§	†	Jullundur.
13 8	12 0	12 8	12 0	20 8	20 0	6 8	6 8	5 8	2 0	2 0	3 8	Ludhiána.
12 0	11 8	12 0	11 0	18 0	16 0	5 0	5 0	5 8	2 4	2 4	4 0	Ferozepore.
												LAHORE.
12 8	12 4	12 4	12 0	19 0	18 0	6 4	6 4	7 0	2 8	2 8	3 14	Lahore.
12 12	13 4	12 12	12 4	22 14	23 2	5 8	5 8	8 4	§	2 6	§	Amritsar.
*	11 0	*	11 8	*	16 0	5 8	6 0	7 8	4 0	4 0	5 0	Gurdáspur.
13 0	12 0	13 0	12 0	24 0	23 0	6 0	6 0	7 8	§	§	4 0	Siálkot.
13 4	13 0	13 0	12 12	20 0	19 0	5 8	5 8	7 12	§	§	4 4	Gujránwála.
												RAWALPINDI.
12 0	11 0	12 0	11 0	20 0	18 0	5 8	6 0	7 0	‡	‡	†	Gujrát.
12 4	11 0	14 8	12 0	21 4	20 0	5 8	6 8	7 0	§	§	§	Shahpur.
12 0	11 8	13 0	12 0	22 0	21 0	6 0	6 0	7 8	‡	‡	‡	Jhelum.
11 12	10 12	11 12	10 12	23 8	20 0	5 12	6 12	7 8	§	§	‡	Ráwalpindi.
21 0	20 0	21 0	20 0	16 0	15 0	6 0	6 0	6 8	3 0	3 0	5 0	Attock.
20 0	20 0	20 0	20 0	*	20 0	5 0	5 8	6 0	‡	‡	†	Miánwáli.
												MULTAN.
10 8	10 0	11 0	10 0	13 8	13 0	6 0	6 8	7 0	§	§	5 0	Montgomery.
11 0	10 0	12 0	11 0	20 0	19 0	8 0	8 0	8 0	§	§	§	Lyallpur.
10 8	10 0	10 8	10 0	18 0	14 0	6 4	6 4	6 10	§	2 10	4 0	Jhang.
12 8	12 0	12 8	12 0	19 0	18 0	6 4	6 4	7 4	2 4	2 6	4 0	Multán.
10 8	10 0	10 8	10 0	17 0	16 0	6 4	6 2	6 4	§	§	5 0	Muzaffargarh.
13 0	13 8	12 13	12 8	13 0	12 8	5 0	5 0	4 11	3 2	3 0	6 12	Dera Gházi Khan.

§ Not procurable. (a) Under enquiry

Imports and exports.
the fortnight ending 15th June 1918 was 7 seers 4 chataks, and 7 seers 12 chataks, respectively.
errors.

ending 15th May 1918 under head "past" under "salt whole sale and retail" against "Rohtak" *substitute* "10 seers 8 chataks" *for* "16 seers."

B. D. SINGH, HD. ASSTT., STATISTICS,

Office of Director of Land Records, Punjab.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 9 seers 8 chataks as compared with 9 seers 8 chataks in last fortnight and 10 seers 5 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	c.	Seers.	c.	Seers.	c.
Karnál ...	10	8	10	4	10	2
Hoshiárpur ...	11	0	9	8	9	3
Gujránwála ...	11	2	8	8	9	2
Gujrát ...	11	0	8	8	8	8
Multán ...	10	4	10	4	9	12

Barley.—Prices average 12 seers 13 chataks as compared with 12 seers 14 chataks in last fortnight and 14 seers in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	c.	Seers.	c.	Seers.	c.
Hissar ...	15	0	13	8	13	8
Kángra ...	14	0	9	0	10	0
Amritsar ...	14	4	14	0	13	0
Gujrát ...	15	0	12	0	11	0
Lyallpur ...	14	0	12	0	12	0

Rice.—Prices average 5 seers 13 chataks as compared with 6 seers 1 chatak in last fortnight and 7 seers 11 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	c.	Seers.	c.	Seers.	c.
Ambála ...	8	0	6	0	5	8
Hoshiárpur ...	7	0	5	8	5	8
Siálkot ...	8	8	5	8	5	8
Miánwáli ...	7	0	5	12	4	8
D. G. Khan ...	9	6	6	0	5	4

Jowar.—Prices average 6 seers as compared with 6 seers 8 chataks in last fortnight and 11 seers 13 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	c.	Seers.	c.	Seers.	c.
Ambála ...	17	0	7	8	7	8
Hoshiárpur ...	11	0	6	0	4	8
Amritsar ...	11	4	5	12	4	12
Jhelum ...	11	0	5	0	4	8
D. G. Khan ...	13	0	5	4	5	4

Bajra.—Prices average 9 seers 3 chataks as compared with 9 seers 6 chataks in last fortnight and 13 seers 8 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	c.	Seers.	c.	Seers.	c.
Hissar ...	15	0	9	8	9	8
Ludhiána ...	13	0	7	8	7	8
Amritsar ...	14	4	9	0	7	0
Jhelum ...	13	0	10	0	9	0
Jhang. ...	13	0	6	0	6	0

Gram.—Prices average 11 seers 14 chataks as compared with 11 seers 14 chataks in last fortnight and 12 seers 5 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	c.	Seers.	c.	Seers.	c.
Ambála ...	13	0	11	8	11	8
Jullundur ...	12	12	11	0	11	4
Gurdáspur ...	13	0	10	0	10	0
Shahpur ...	12	0	13	0	13	0
D. G. Khan ...	11	0	12	2	12	8

Maize.—Prices average 9 seers 13 chataks as compared with 9 seers 15 chataks in last fortnight and 13 seers 12 chataks in corresponding period of 1917. The chief variations in each Division are—

	Same fortnight in 1917.		*Last fortnight.*		*This fortnight.*	
	Seers.	c.	Seers.	c.	Seers.	c.
Ambála ...	16	0	13	0	11	0
Hoshiárpur ...	15	0	9	8	11	0
Lahore ...	14	4	10	0	9	4
Shahpur ...	13	0	9	12	9	12
Montgomery ...	12	0	8	0	7	0

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JUNE 1918.

Wholesale price per maund of 82 2/7 lbs. or 40 seers of 80 tolas each. (Each value in Rs. A. P.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Name of district.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Oats.	Jowar.	Bajra.	Maize.	Gram.	Arhar dál.	Linseed.	Rapeseed (sarshaf).	Poppy seed.	Til (jinjili seed).	Sugar, raw (gur).	Cotton (cleaned).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ambála ...	3 8 0	5 12 0	4 1 0	3 0 0	...	5 4 0	4 0 0	3 8 0	3 5 6	5 0 0	6 0 0	5 12 0	7 12 0	8 0 0	5 4 0	...
Ferozepore ...	3 5 3	6 10 9	3 10 3	2 12 3	...	...	...	...	2 15 6	7 4 6	6 10 9	...	7 4 6	7 4 3	6 10 9	53 5 3
Lahore ...	4 0 0	6 10 9	4 7 0	3 0 0	3 0 0	5 0 0	4 7 0	4 7 0	3 3 3	5 14 9	5 8 6	4 13 6	6 10 9	7 10 0	6 2 6	42 10 9
Amritsar ...	3 11 0	6 4 0	4 5 0	3 0 0	...	8 0 0	5 5 0	4 3 6	3 5 3	5 4 0	6 4 0	5 0 0	8 0 0	8 0 0	6 10 0	50 0 0
Ráwalpindi ...	...	6 2 6	5 6 2	3 5 3	...	6 2 6	3 10 3	3 5 3	3 13 0	...	4 5 3	5 0 0	...	...	6 10 6	...
Lyallpur ...	...	6 4 0	3 14 0	3 0 0	...	...	...	...	2 14 0	6 0 0	...	4 8 0	8 12 0	8 8 0	5 0 0	...
Multán ...	3 4 0	5 8 0	4 0 0	3 0 0	3 5 0	6 10 0	4 7 0	4 7 0	3 7 6	...	7 12 0	4 12 0	9 12 0	7 0 0	6 2 0	43 0 0

Wholesale price per maund of 82 2/7 lbs. or 40 seers of 80 tolas each (columns 18–29). (Each value in Rs. A. P.)

1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Name of district.	Cotton seed.	Ghi.	Flour (wheat).	Tobacco leaf (dry).	Turmeric (unground).	Salt.	Raw hides (cow)	Bran.	Grass (dry).	Bhoosa (white).	Jowar stalks.	Bengal coal.	Kerosine oil (per tin, stating brand as below).	Plough bullocks, per pair.	Sheep, per score.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Ambála ...	4 0 0	72 0 0	4 9 0	13 0 0	16 0 0	3 4 0	50 0 0	2 8 0	1 0 0	1 4 6	...	...	(a)6 0 0	150 0 0	100 0 0	
Ferozepore ...	4 3 3	62 0 0	4 11 3	16 0 0	16 0 0	3 13 0	...	2 3 6	...	0 11 9	...	...	...	225 0 0	143 0 0	
Lahore ...	3 15 0	64 0 0	5 0 0	16 0 0	18 0 0	3 3 3	43 0 0	2 13 9	1 0 0	1 0 9	...	1 4 0	(a)5 8 0	170 0 0	200 0 0	
Amritsar ...	3 13 0	62 8 0	4 10 0	12 0 0	17 0 0	3 2 0	37 8 0	2 8 0	...	1 2 0	...	1 10 0	(b)4 3 0	...	160 0 0	
Ráwalpindi ...	...	60 15 3	5 11 6	...	...	3 5 3	39 0 0	...	...	1 11 9	...	1 8 0	(c)5 12 0	120 0 0	100 0 0	
Lyallpur ...	3 6 0	55 0 0	4 8 0	21 0 0	16 3 0	3 8 0	35 0 0	2 0 0	...	1 0 0	...	2 4 0	(d)5 12 0	270 0 0	130 0 0	
Multán ...	3 1 0	54 0 0	4 13 6	13 0 0	21 4 0	3 3 0	40 0 0	3 2 0	1 2 0	0 12 9	...	...	(d)5 4 0	...	105 0 0	

(a) Elephant Brand. (b) Monkey Brand. (c) Victoria mark. (d) Sun Brand.

Quotations have not been shown in cases in which there have been no wholesale transactions.
NOTE.—Prices of rice as shown in the statement are for the quality in common demand.
N.B.—Variations in prices are due to fluctuations in imports and exports.

OFFICE OF DIRECTOR OF LAND RECORDS, PUNJAB:
Lahore, dated the 20th June 1918.

B. D. SINGH, HEAD ASST., STATISTICS,
Office of Director of Land Records, Punjab.

Vital Statistics of the districts (excluding towns with popula-

Division.	No.	Districts, excluding towns.	Population under registration according to census of 1911.			Births registered.			Deaths: Cholera.		Small-pox.		Plague.		Fever.	
			Males.	Females.	Total.	Number registered (excluding still-births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	[illegible]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
AMBALA.	1	Hissar	422,200	351,580	773,780	2,244	35·28	11	...	...	26	0·41	840	13·31	1,007	[illegible]
	2	Rohtak	385,401	329,433	714,834	2,266	38·58	23	...	...	53	0·90	1,084	18·45	1,066	[illegible]
	3	Gurgaon	378,330	326,057	704,387	2,001	34·56	26	...	...	9	0·16	997	17·72	2,831	[illegible]
	4	Karnál	412,911	339,516	752,427	2,846	45·03	21	...	...	18	0·29	91	1·47	881	[illegible]
	5	Ambála	343,881	264,179	608,060	2,093	41·88	45	...	...	7	0·14	711	14·23	862	[illegible]
	6	Simla	22,015	12,955	34,970	68	23·61	2	...	...	...	...	...	...	18	[illegible]
JULLUNDUR.	7	Kángra	398,401	368,285	766,686	2,300	36·49	7	...	...	...	...	21	0·33	909	[illegible]
	8	Hoshiárpur ...	501,510	417,059	918,569	2,882	38·17	1	...	...	...	...	373	4·94	1,347	[illegible]
	9	Jullundur	410,060	322,542	732,602	2,186	36·38	1	...	...	3	0·05	2,365	87·62	1,463	[illegible]
	10	Ludhiána	268,766	205,274	474,040	1,593	40·38	2	...	...	2	0·05	4,2[illegible]5	107·90	387	[illegible]
	11	Ferozepore ...	506,938	401,883	908,821	2,561	34·29	7	...	...	13	0·17	865	11·58	1,009	[illegible]
LAHORE.	12	Lahore	438,216	344,472	782,688	2,177	33·85	45	...	...	...	...	7,9[illegible]3	121·47	646	[illegible]
	13	Amritsar	407,705	320,267	727,972	2,112	3[illegible]·31	10	1	0·02	4	0·07	1,529	25·26	654	[illegible]
	14	Gurdáspur ...	451,935	354,196	806,131	2,549	38·45	1	...	...	1	0·02	943	14·[illegible]	770	[illegible]
	15	Siálkot	504,104	410,580	914,684	2,398	31·90	26	...	...	1	0·01	130	1·73	769	[illegible]
	16	Gujránwála ...	502,651	392,131	894,782	2,359	32·08	37	...	...	...	...	1,063	14·48	1,331	[illegible]
RAWALPINDI.	17	Gujrát	400,596	345,038	745,634	2,161	35·25	49	2	0·03	2	0·03	1,214	19·81	797	[illegible]
	18	Shahpur	376,888	310,480	687,368	1,511	2[illegible]·75	17	...	...	...	...	63	1·12	874	[illegible]
	19	Jhelum	262,228	241,967	504,195	1,019	24·60	9	...	...	2	0·05	2,925	69·19	566	[illegible]
	20	Ráwalpindi ...	238,776	222,224	461,000	1,316	34·73	33	...	...	2	0·05	1,067	28·16	631	[illegible]
	21	Attock	270,392	244,896	515,288	1,391	32·84	16	...	...	1	0·02	78	1·79	853	[illegible]
	22	Miánwáli	179,897	161,480	341,377	831	29·27	15	...	...	1	0·04	40	1·43	679	[illegible]
MULTAN.	23	Montgomery ...	276,119	227,996	504,115	747	18·03	26	...	...	2	0·05	944	22·79	837	[illegible]
	24	Lyallpur	503,644	385,251	888,895	2,406	32·94	34	...	...	2	0·03	547	7·40	994	[illegible]
	25	Jhang	263,916	225,696	489,612	1,379	34·28	40	...	...	1	0·02	8	0·20	731	[illegible]
	26	Multán	388,423	327,205	715,628	1,538	26·14	41	...	...	...	...	93	1·58	1,715	[illegible]
	27	Muzaffargarh ...	308,350	261,111	569,461	1,117	23·87	52	...	...	1	0·02	1	0·02	1,131	[illegible]
	28	Dera Gházi Khan ...	272,409	227,451	499,860	743	13·09	23	...	...	1	0·02	...	...	1,086	[illegible]
		Total of month for Province.	10,094,669	8,343,202	18,437,871	50,784	33·51	620	3	0·002	152	0·10	29,807	19·67	20,9[illegible]	[illegible]
		Total of corresponding month of previous year.				53,755	35·47	618	...	...	119	0·08	890	0·59	26,0[illegible]	[illegible]
		Increase or decrease...	...	...	...	−2,971	−1·96	+2	+3	+0·002	+33	+0·02	+28,917	+19·08	+9[illegible]	[illegible]

In general weather was unusually wet and cold.

During the month under report there were decreases of 1·96 and 4·89 *per mille* of population recorded in the birth-rate as compared with the figures for the correspond[illegible]

There were increases of 18·56 and 5·26 *per mille* of population in the death-rate as compared with the figures for the corresponding month of the previous year and [illegible]

There were 4 deaths recorded from cholera during the month under report.

SANITARY COMMISSIONER'S OFFICE LAHORE:

The 25th June 1918.

of 20,000 or upwards) in the Punjab for the month of April 1918.

REGISTERED.

Dysentery and diarrhœa.		Respiratory diseases.		Injuries, including suicide.		Other causes.		Total of all causes.				Total of corresponding month of previous year.					
Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number. Males.	Number. Females.	Number. Total.	Ratio per 1,000 per annum.	Number. Males.	Number. Females.	Number. Total.	Ratio per 1,000 per annum.	No.	Districts, excluding towns.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
18	0·30	98	1·64	13	0·20	279	4·39	1,272	1,100	2,372	37·30	855	804	1,659	36·09	1	Hissár.
20	0·66	131	2·28	16	0·27	441	7·51	1,380	1,389	2,769	47·14	903	801	1,704	30·01	2	Rohtak.
45	0·79	167	2·98	29	0·50	821	14·19	2,655	2,234	4,889	84·44	873	803	1,676	28·95	3	Gurgaon.
16	0·26	48	0·78	12	0·16	325	5·26	761	640	1,401	22·66	1,163	971	2,134	34·61	4	Karnál.
34	0·68	254	5·08	11	0·22	267	5·34	1,101	1,045	2,146	42·94	1,195	1,109	2,304	46·10	5	Ambála.
4	1·39	23	7·64	3	1·04	27	9·33	43	31	74	25·69	55	38	93	32·19	6	Simla.
86	0·92	106	3·11	16	0·25	477	7·57	813	763	1,576	25·00	1,111	972	2,083	33·06	7	Kángra.
1	0·01	209	2·77	24	0·32	315	4·17	1,157	1,112	2,269	30·06	1,313	1,092	2,405	31·45	8	Hoshiárpur.
22	0·37	140	2·33	10	0·17	310	5·15	2,125	2,077	4,202	69·79	846	812	1,658	27·54	9	Jullundur.
13	0·33	108	2·77	15	0·38	425	10·91	2,636	2,419	5,055	129·72	613	546	1,159	29·72	10	Ludhiána.
33	0·44	185	1·81	15	0·20	546	7·31	1,363	1,247	2,610	34·94	963	813	1,776	22·78	11	Ferozepore.
15	0·22	103	1·60	20	0·21	315	6·36	4,781	4,161	8,942	139·03	890	663	1,553	24·14	12	Lahore.
47	0·79	109	1·82	12	0·20	218	3·64	1,518	1,358	2,876	42·08	744	656	1,400	23·40	13	Amritsar.
40	0·60	532	8·03	13	0·18	48	0·73	1,172	1,137	2,309	34·84	983	859	1,841	37·78	14	Gurdáspur.
33	0·43	237	2·15	27	0·36	256	3·41	794	658	1,452	19·31	954	808	1,762	33·44	15	Siálkot.
13	0·16	45	0·61	20	0·27	259	3·66	1,511	1,229	2,740	37·26	981	734	1,715	23·32	16	Gujránwála.
7	0·11	121	1·07	20	0·33	217	3·54	1,276	1,104	2,380	38·63	718	598	1,314	31·44	17	Gujrát.
17	0·30	104	1·84	11	0·19	254	4·50	730	573	1,303	23·07	658	540	1,208	31·28	18	Shahpur.
14	0·34	84	2·03	10	0·24	173	4·18	1,806	1,870	3,676	88·73	518	437	955	23·05	19	Jhelum.
132	3·40	65	1·72	20	0·52	82	2·16	962	1,037	1,999	52·76	607	504	1,111	29·32	20	Ráwalpindi.
...	...	44	1·04	11	0·25	188	4·44	640	533	1,173	27·69	607	473	1,079	35·47	21	Attock.
12	0·43	14	0·50	10	0·36	60	2·14	460	356	816	30·09	411	435	838	30·60	22	Miánwáli.
10	0·24	16	0·39	10	0·24	208	4·07	1,066	949	2,015	49·04	435	360	795	19·19	23	Montgomery.
24	0·53	73	1·00	22	0·20	324	4·44	987	939	1,926	26·37	906	741	1,641	22·46	24	Lyallpur.
14	0·35	33	0·82	11	0·27	270	6·71	581	477	1,058	26·30	530	377	907	22·55	25	Jhang.
5	0·09	9	0·15	14	0·24	229	3·69	1,142	922	2,064	35·08	743	582	1,325	22·63	26	Multán.
5	0·11	20	0·43	9	0·19	74	1·58	782	559	1,341	28·65	714	553	1,266	27·05	27	Muzaffargarh
13	0·32	30	0·73	9	0·22	89	2·17	705	535	1,230	30·95	608	570	1,178	28·68	28	Dera Ghazi Khan.
693	0·45	3,147	2·08	412	0·27	7,535	4·97	36,219	33,444	69,663	45·31	...	...	...	...		
784	0·50	3,802	2·51	413	0·27	8,527	5·63	21,887	18,649	40,536	26·75	...	...	...	...		
−91	−0·05	−655	−0·43	−1	...	−992	−0·66	+14,332	+14,795	+29,127	+18·56	...	...	...	...		

MARKS.

month of the previous year and the previous month respectively.

previous month, respectively. The increase was due chiefly to plague.

W. H. MILLS, SUPDT.,

for Sanitary Commissioner, Punjab.

Vital Statistics of the Towns (with population of [illegible]

District.	No.	Towns.	Population under registration according to census of 1911. — Males.	Females.	Total.	Births registered. — Number registered (excluding still births).	Ratio per 1,000 per annum of population.	Still-born number registered.	Cholera. — Number registered.	Ratio per 1,000 per annum.	Small-pox. — Number registered.	Ratio per 1,000 per annum.	Plague. — Number registered.	Ratio per 1,000 per annum.	[illegible] — Number registered.	[illegible]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Hissar ...	1	Bhiwáni ...	16,249	14,851	31,100	65	25·49	2	...	...	11	4·31	464	181·96	[illegible]	[illegible]
Gurgaon ...	2	Rewári ...	12,885	11,895	24,780	68	38·33	...	...	...	...	...	242	116·63	[illegible]	[illegible]
Karnál ...	3	Karnál ...	11,233	9,785	21,018	73	41·58	1	...	...	...	...	1	0·57	[illegible]	[illegible]
	4	Pánipat ...	13,554	12,788	26,342	119	55·09	1	...	...	6	2·78	...	...	[illegible]	[illegible]
Ambála ...	5	Ambála ...	13,589	10,904	24,493	70	34·83	3	...	...	1	0·50	42	20·90	13	[illegible]
Jullundur ...	6	Jullundur ...	30,539	24,815	55,354	168	36·40	...	...	...	...	...	154	33·77	68	[illegible]
Ludhiána ...	7	Ludhiána ...	24,765	18,387	43,152	117	33·05	...	...	...	...	...	140	39·55	54	[illegible]
Ferozepore ...	8	Ferozepore ...	13,930	10,748	24,678	72	35·20	...	1	0·49	...	...	3	1·47	[illegible]	[illegible]
Lahore ...	9	Lahore ...	129,513	80,758	210,271	499	28·56	13	...	...	...	...	39	2·26	[illegible]	[illegible]
	10	Kasúr ...	13,769	11,014	24,783	66	32·35	...	...	...	...	...	164	80·59	[illegible]	[illegible]
Amritsar ...	11	Amritsar ...	87,828	63,511	151,339	373	29·96	23	...	...	...	...	130	10·44	[illegible]	[illegible]
Gurdáspur ...	12	Batála ...	14,180	12,250	26,430	61	28·24	2	...	...	...	...	27	12·50	17	[illegible]
Siálkot ...	13	Siálkot ...	26,651	21,944	48,595	140	35·09	2	...	...	...	...	1	0·25	41	[illegible]
Gujránwála ...	14	Gujránwála ...	15,600	13,037	28,637	68	29·06	1	...	...	...	...	...	...	40	[illegible]
Ráwalpindi ...	15	Ráwalpindi ...	28,948	17,694	46,642	132	31·77	7	...	...	...	...	2	0·52	41	[illegible]
Jhang ...	16	Jhang-Maghiána	13,212	12,702	25,914	63	29·55	2	...	...	...	...	16	8·45	24	[illegible]
Multán ...	17	Multán ...	46,987	38,760	85,747	118	16·74	...	...	...	...	...	1,029	145·96	[illegible]	[illegible]
Total of month ...			513,432	385,843	899,275	2,259	30·56	57	1	0·01	18	0·24	2,456	33·23	[illegible]	[illegible]
Total of corresponding month of previous year.						2,477	33·51	67	...	...	9	0·12	104	1·41	917	[illegible]
Increase or decrease ...			...	...	...	−218	−2·95	−10	+1	+0·01	+9	+0·12	+2,352	+31·82	+473	[illegible]

SANITARY COMMISSIONER'S OFFICE, LAHORE :
The 25th June 1918.

or upwards) of the Punjab for the month of April 1918.

REGISTERED.

Dysentery and Diarrhoea.		Respiratory Diseases.		Injuries, including Suicide.		Other Causes.		Total of all Causes.				Total of corresponding month of previous year.					
								Number.				Number.					
Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Number registered.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	Males.	Females.	Total.	Ratio per 1,000 per annum.	No.	Towns.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
8	3·14	9	3·53	...	...	43	16·86	261	289	550	215·69	32	39	71	27·84	1	Bhiwáni.
27	13·24	47	23·04	...	...	60	29·41	208	184	392	192·16	29	36	65	31·86	2	Rewári.
4	2·30	11	6·32	...	...	17	9·77	31	28	59	33·91	37	33	70	40·23	3	Karnál.
2	0·93	4	1·85	...	...	18	8·33	26	25	51	23·61	43	47	90	41·67	4	Pánipat.
3	1·49	28	13·93	...	...	10	4·98	53	46	99	49·25	59	74	133	66·17	5	Ambála.
11	2·41	51	11·18	2	0·44	32	7·02	163	153	316	69·30	59	39	98	21·49	6	Jullundur.
7	1·98	31	8·76	2	0·56	33	9·32	130	137	267	75·43	50	43	93	26·09	7	Ludhiána.
1	0·49	10	4·90	...	...	14	6·86	33	23	56	27·47	20	25	45	22·06	8	Ferozepore.
28	1·62	125	7·23	12	0·69	98	5·67	328	282	610	35·30	320	222	542	31·37	9	Lahore.
1	0·49	5	2·45	...	...	19	9·31	98	103	201	98·53	24	10	34	16·67	10	Kasúr.
28	2·25	209	16·79	10	0·80	83	6·67	415	354	769	61·77	200	148	358	28·76	11	Amritsar.
3	1·39	12	5·56	1	0·46	5	2·31	35	30	65	30·09	33	30	63	29·70	12	Batála.
3	0·75	27	6·77	1	0·25	30	7·52	55	49	108	26·82	54	44	98	24·56	13	Siálkot.
3	1·28	11	4·70	2	0·85	9	3·85	36	29	65	27·78	42	32	74	31·62	14	Gujránwála.
7	1·83	32	8·33	6	1·56	29	7·55	56	61	117	30·47	54	47	101	26·30	15	Ráwalpindi.
11	5·16	3	1·41	...	...	35	16·43	43	48	91	42·73	47	33	80	37·56	16	Jhang-Maghiána.
5	0·71	18	2·55	...	...	109	15·46	823	696	1,519	215·46	91	87	178	25·25	17	Multán.
[illegible]	2·07	633	8·56	36	0·49	644	8·71	2,794	2,536	5,330	72·10	—	—	—	—		
85	1·29	564	7·63	32	0·43	470	6·36	1,202	989	2,191	29·64	—	—	—	—		
+ 17	+ 0·78	+ 69	+ 0·93	+ 4	+ 0·06	+ 174	+ 2·35	+ 1,592	+ 1,547	+ 3,139	+ 42·46	—	—	—	—		

W. H. MILLS, SUPDT.,

for Sanitary Commissioner, Punjab.

Weekly return of births and deaths registered at the undermentioned municipal towns in the Punjab during the week ending Saturday, the 15th June 1918.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Cause of death. Small-pox.	Cause of death. Plague.	Cause of death. Fever.	Cause of death. Dysentery and diarrhoea.	Cause of death. Respiratory diseases.	Cause of death. Injuries.	Cause of death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	17,162	8	1	9	9	5	4	..	1	...	3	...	...	...	5	1	1	2	27	27
2		Hánsi ...	14,576	1	1	2	13	5	8	..	...	1	1	1	1		9	1	...	1	7	48
3		Bhiwáni ...	31,100	8	4	12	19	10	9	...		...	5	1	3	...	10	3	2	5	20	32
4		Sirsa ...	14,629	2	2	4	3	2	1	..	...	...	2	...	...	...	1	1	...	1	14	11
5	Rohtak ...	Rohtak ...	19,862	6	11	17	17	10	7	...	...	..	6	1	2	..	8	9	3	12	45	45
6		Jhajjar ...	10,617	1	4	5	9	3	6	...	...	...	...	...	2	...	7	2	2	4	25	44
7		Sonepat ...	12,014	7	6	13	12	9	3	...	...	...	6	...	...	...	6	5	1	6	56	52
8	Gurgaon ...	Rewári ...	24,780	4	2	6	13	7	6	...	...	...	2	2	3	...	6	1	1	2	13	2[illegible]
9	Karnál ...	Karnál ...	21,018	13	9	22	24	9	15	..	..	...	14	...	1	..	9	4	8	12	54	59
10		Kaithal ...	12,912	4	12	16	15	7	8	...	..	...	11	1	...		3	2	2	4	65	61
11		Pánipat ...	26,342	17	20	37	18	10	8	...		...	7	4	1	...	6	4	3	7	78	36
12		Shahabad ...	11,054	3	6	9	6	4	2	...		...	...	2	1	...	3	1	...	1	43	29
13	Ambála ...	Ambála ...	24,493	12	5	17	13	7	6		..	...	3	2	3	...	5	2	2	4	36	28
14		Jagádhri ...	12,045	9	3	12	10	5	5	...	...	...	2	1	2	...	5	3	2	5	52	43
15	Hoshiárpur ...	Hoshiárpur ...	16,980	3	9	12	15	7	8		...	...	4	...	2	...	9	3	2	5	36	45
16	Jullundur ...	Jullundur ...	55,354	20	16	36	28	12	16	...	...	...	15	...	7	...	6	6	5	11	34	26
17	Ludhiána ...	Ludhiána ...	43,152	19	16	35	23	13	10	...	..	...	7	1	6	1	8	3	4	7	42	28
18		Jagraon ...	15,039	7	6	13	10	7	3	...	..	...	2	1	1	...	6	3	2	5	45	35
19	Ferozepore ...	Ferozepore ...	24,676	8	3	11	9	5	4	...	1	...	4	1	2	...	1	1	1	2	23	19
20		Fázilka ...	10,985	7	1	8	8	6	2	...	...	...	6	...	...	...	2	4	1	5	38	38
21	Lahore ...	Lahore ...	210,271	58	53	111	14[illegible]	72	73	...	...	...	89	11	28	2	15	12	18	30	28	35
22		Kasúr ...	24,783	8	1[illegible]	19	16	8	8	...	1	...	8	...	1	1	5	2	5	7	40	34
23	Amritsar ...	Amritsar ...	151,339	27	25	52	91	43	48	...	...	...	26	5	44	...	16	4	6	10	18	31
24	Gurdáspur ...	Batála ...	26,430	10	12	22	18	6	12	...	...	...	10	...	8	...	..	4	2	[illegible]	44	36
25	Siálkot ...	Siálkot ...	48,595	16	20	36	23	14	9	.	...	...	7	4	5	...	7	6	3	9	39	25
26	Gujránwála	Gujránwála ...	28,687	8	6	14	9	9	...	...	...	...	5	...	2	...	2	3	...	3	26	16
27		Wazírabad ...	17,146	...	4	4	11	6	5	...	...	...	9	...	...	...	2	...	1	1	12	33
28	Gujrát ...	Gujrát ...	18,692	5	9	14	12	7	5	...	...	...	7	2	1	...	2	2	3	5	39	34
29		Jalálpur ...	11,615	6	1	7	7	2	5	...	...	...	4	...	1	...	2	2	2	4	31	31

Weekly return of births and deaths, &c.—concluded.

No.	Districts.	Towns.	Population according to the Census of 1911.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of death. Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhœa.	Respiratory diseases.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	Shahpur ...	Bhera ...	15,202	11	7	18	10	5	5	...	...	1	3	1	2	...	3	2	2	4	61	34	30
31		Khushâb ...	10,159	...	...	...	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	5	31
32	Jhelum ...	Jhelum ...	12,298	3	2	5	6	3	3	...	...	...	2	..	..	..	4	...	...	...	21	25	32
33		Pind Dádan Khan	10,590	1	2	3	2	1	1	...	...	...	2	...		...	...		...	...	15	10	33
34	Ráwalpindi ...	Ráwalpindi ...	46,642	17	12	29	45	24	21		...	...	19	7	7	...	12	7	9	16	32	50	34
35	Lyallpur ...	Lyallpur ...	19,578	4		4	9	4	5	1	...	...	3	1	...	...	2	...	...	...	11	24	35
36	Jhang ...	Jhang-Maghiána	25,914	14	5	19	9	7	2	...	...	1	4	...	...	..	4	2	...	2	38	18	36
37		Chiniot ...	14,085	6	8	14	7	4	3	.	...	...	3	...	1		3	2	...	2	51	26	37
38	Multán ...	Multán ...	85,747	17	12	29	43	20	23	.	...	...	19	...	7	...	17	6	5	11	18	26	38
	Grand Total ...		1,196,515	370	326	696	738	378	360	1	3	3	320	50	146	4	211	113	98	211	30	32	
	Hill Sanitaria.																						
	Simla ...	...	18,934	2	4	6	20	11	9	..	...	...	12	1	4	...	3	1	4	5	16	55	
	Dharmsála	...	2,518	2	...	2	1	1	...	...	...	...	...	...	1	...	...	...	...	...	41	20	
	Dalhousie ...	...	938	2	...	2	3	2	1	...	...	...	1	1	1	...	...	1	..	1	95	143	
	Murree ...	...	1,861	...	1	1	3	1	2	...	...	...	1	...	...	...	2	...	...	...	36	107	

Remarks by the Sanitary Commissioner, Punjab.

During the week ending 15th June 1918 there were 696 births registered in the 38 large municipal towns (370 males and 326 females), giving a birth rate of 30 *per mille* of population, and 738 deaths were registered (378 males and 360 females), giving a death rate of 32 *per mille* of population. The death rates registered in the three largest towns were as follows:—Lahore 36 against 42 in the corresponding week of the previous year, Amritsar 31 against 35 and Multán 26 against 32.

There were 3 deaths reported from plague, 1 each in Hansi, Bhera and Jhang-Maghiana. Of the 3 deaths from small-pox, 1 each was registered in Hissar, Ferozepore and Kasúr. Only 1 death was recorded from cholera in Lyallpur.

Sanitary Commissioner's Office,
Lahore:
The 25th June 1918.

W. H. MILLS, Supdt.

for *Sanitary Commissioner, Punjab.*

699 PGG—650—28-6-18—SGPP Lahore.

INDEX

TO

SUPPLEMENT

TO

Punjab Government Gazette

FOR THE HALF YEAR ENDING

30th June 1918.

PART II.

Registered No. L. 864.

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SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 1 LAHORE, FRIDAY, JANUARY 11, 1918.

PART II.

GENERAL.

REVIEW OF THE PROGRESS REPORT OF FOREST ADMINISTRATION IN THE PUNJAB FOR THE YEAR ENDING 30TH JUNE 1917.

Proceedings of His Honour the Lieutenant-Governor of the Punjab in the Forest Department, No. 282, dated 5th January 1918.

READ—

The Progress Report of Forest Administration in the Punjab for the year ending 30th June 1917 submitted by the Conservator of Forests, Punjab, with his letter No. 2201-A., dated 24th September 1917.

REMARKS.—During the year there was a net reduction of 584·34 square miles in the area under the control of the Forest Department. This was due almost entirely to the surrender of waste lands in Multan for colonization purposes, but there has been no reduction in the area under forest growth, as it is not the policy of Government to disforest such areas in the plains as could hereafter be utilized as fuel reserves. The settlement of the areas for the Chichawatni irrigated plantation and for the browsing of silladari camels in Montgomery has now been completed, and further progress has been made with the intricacies of the Kangra settlement on the lines outlined in last year's review, though it has not yet been possible to finish the selection of areas to be retained by the department under the system of rotational closures and of those to be handed over to the Deputy Commissioner for management. The Lieutenant-Governor hopes that a further advance in the transfer to district management will be made as soon as possible, as this will afford

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a practical demonstration to the people of the desire of Government to withdraw restrictions so far as may be, and will thus help to reconcile them to the scheme of rotational closures in the areas selected for conservation and regeneration. The claims of the tea-planters of the Kangra valley to trees growing in their estates and on waste lands attached thereto have been settled by Government in a liberal and practical spirit. The revision of the settlement of the Sutlej Valley Forests in the Bashahr State is now well advanced and should be completed by the end of the current year. The arrangement whereby these forests are leased for working to a contractor will terminate in March 1918 and they will then come under departmental working.

2. Two new irrigated plantations, at Terah on the Upper Bari Doab canal and at Dhaffar on the Upper Jhelum canal, were sanctioned during the year; the scheme for maintaining 60,000 acres under irrigated plantations in the new colonies is now complete and substantial progress has already been made with the Khanewal and Chichawatni plantations on the Lower Bari Doab canal. When fully developed these plantations will form a most valuable fuel reserve and should yield a handsome return to Government. Susceptibility to frost considerably restricts the choice of species to be planted. His Honour hopes, however, that this will not prevent a sufficient variety of trees being grown, and that experiments in this direction will be continued. In those areas where it has not been possible to start planting the land has been given out on temporary cultivation, which will bring in an appreciable income and facilitate subsequent planting.

3. Steady improvement in the relations between the people and the department is demonstrated by a marked decrease in the number of cases taken into court, the number of cases compounded, the number of cases of illicit grazing and the number of forest fires. Forest offences during the year fell from 10,512 to 9,357,—a figure which is 1,376 below the average of the last three years. The decrease was shared by every kind of forest offence, and was due chiefly to the good monsoon of 1916 and the exceptionally wet spring of 1917, which produced an abundant supply of fodder outside the forests. The year was therefore favourable to fire protection: there were only 160 fires, affecting 3,999 acres, against 18,511 and 41,578 acres in the two preceding years. His Honour is glad to see that only ten fires have been definitely classed as malicious, and that in Jhelum and Rawalpindi, where there was only one fire so classed, the year seems to have been characterized by a welcome improvement owing largely to the recent concession of free grazing in reserved forests. There is now some reason to hope that the liberal policy which is being pursued will lead the people to accept the principle of communal responsibility for protection of the forests from fire, a principle which can be enforced only if the law is amended so as to permit communal punishment for fires proved to be caused by malice. A suggestion for such an amendment has recently been made to the Government of India. Meanwhile the Lieutenant-Governor agrees with the Conservator that much may be done towards associating the people with the working of the department by providing the villagers with remunerative employment in the forests on the lines which have proved successful in the Murree and Kahuta tahsils. The opposition to forest conservancy, as the Conservator indicates, is mainly economic in its origin, and this fact is being recognised by the department.

4. There was a slight decrease in the area open to grazing during the year, representing a reversion from the abnormal conditions of 1915-16, when the drought necessitated the opening of rakhs to free grazing, but it is worthy of note that 81 per cent. of the forest area was open to grazing of all kinds during the year. The revenue from grazing and fodder grass rose from Rs. 1,79,045 to Rs. 1,96,879, while the total value of grass and grazing of all kinds provided exceeded Rs. 22½ lakhs. In other words the direct pecuniary

benefit to the stock-owners of the Province amounted to more than Rs. 20 lakhs, even in a year of exceptionally ample rainfall. That fact in itself would gratify the maintenance of the forests in the interests of the people, and quite apart from the revenues that Government derives from them, for if these areas were not under forest management their value as fuel and fodder reserves for the people would be infinitely less.

5. The quantity of timber extracted fell from 9½ to 8¾ million cubic feet and that of fuel from 30 to 29 million. There was a small decrease in the amount extracted by departmental agency, but His Honour agrees with the Conservator that this branch of the department's work will have to be greatly extended in the near future. The war has greatly stimulated the demand for timber and it is practically certain that after the conclusion of peace Indian railways will require large quantities for conversion into sleepers. Sir Michael O'Dwyer understands that expert opinion now generally takes the view that direct management by the department would yield a better return from the hill forests, which are remote and difficult to work, than the system of leasing large areas to contractors, and it was largely owing to this consideration that he recommended the reorganisation and strengthening of the superior controlling staff which has now been sanctioned by the Secretary of State. Under the industrial conditions now prevailing in the Punjab the difficult problems of extraction and transport, on the solution of which the fuller utilisation of the immense potential resources of the Himalayan forests mainly depends, can be best dealt with by the expert agency of the department. A beginning has already been made in the substitution of mechanical transport for carriage by bullock-carts and camels, and a rapid advance in this direction may be expected when materials become available. But larger problems will inevitably arise in the near future, and steps have consequently been taken to secure for the Punjab the services of two expert Forest Engineers.

6. The resin industry is an excellent example of successful departmental enterprise. By the end of the year more than half a million blazes were being tapped, one-sixth being in Kangra where tapping has now been undertaken for the first time. The factory at Jallo worked continuously through the cold weather, and the plant gave complete satisfaction : the monthly output reached the creditable average of 4,000 maunds of resin, in addition to over 40,000 gallons of turpentine, and the quality has now been pronounced fit for the European market. At the same time the cessation of imports from abroad has greatly raised prices, and the year has therefore been financially most successful, the profit Rs. 1,31,524 more than covering the entire cost of the distillery. The Lieutenant-Governor congratulates the department on the progress made, but he hopes that it will not take undue advantage of its present monopoly by forcing the prices up too high. As at present advised he is not disposed to agree to a suggestion recently put forward that the Jallo plant should be transferred to a joint factory for the United Provinces and the Punjab to be located at Bareilly. Such a transfer would deprive the Punjab of the benefit of the most successful industrial enterprise of recent years, which may play a large part in the future industrial development of the Province.

7. The total revenue of the year decreased from Rs. 17,18,373 to Rs. 16,92,832. This is due to a falling-off under major forest produce, the revenue from several divisions having been unusually inflated in 1915-16. In particular the progress of colonization has reduced receipts from the sale of produce in areas cleared on the Lower Bari Doab canal. Revenue from minor forest produce rose from Rs. 3,49,142 to Rs. 5,76,949 owing to an increase of no less than Rs. 2,14,000 in the income from the sale of rosin and turpentine. The gross expenditure rose by about Rs. 43,000 mainly as the result of extended departmental extraction of timber for war purposes in the Rawalpindi Division and the expansion of the resin industry. The cash surplus was Rs. 7,26,347 or 42·91 per cent. of the gross revenue as against Rs. 7,95,229

or 46·28 per cent. last year, and 36·73 the average for the last three years. The year was thus financially less successful than its predecessor, but the Lieutenant-Governor sees no reason to alter his view that the revenues of the department are bound to expand steadily in the future as the irrigated plantations in the plains mature and the hill forests are more scientifically exploited.

8. The department has been handicapped by a reduced staff: seven out of fifteen officers of the Imperial Service have been on leave or deputation, including three on military duty, and some of the most experienced Provincial officers have retired. At the same time urgent demands of the military authorities for timber threw a specially heavy burden of work on the executive officers, and as indicated above the volume of work is bound to increase. For example, the difficulties attending the supply of fuel to large towns, which have been so acute this year, may render it advisable to extend the system, already adopted in Rawalpindi, of local depôts. The Lieutenant-Governor has recently had again to call attention to the large areas now under the charge of the Buildings and Roads and Irrigation Departments which, with expert forest management, might be made to yield much more in the way of fuel and timber, and he hopes that the Conservator in communication with the heads of those departments will work out a scheme for the better utilization of those areas. In any schemes for the industrial development of the Province which may result from the enquiries of the Industrial Commission the department will also have probably a large part to play and it is therefore essential that it should keep in close touch with commercial and industrial developments. It is at present too undermanned to assume wider responsibilities, but a scheme for the reorganization of the superior cadre has now been approved by the Secretary of State, and will be introduced gradually as financial conditions permit and officers with the necessary qualifications become available. Provision has been made in the budget for 1918-19 for a second Conservator and his clerical and ministerial staff; an improved scale of pay for rangers has recently been introduced and the accommodation of the Punjab forest school for training forest guards has been increased. An increase in the number of rangers and guards will also be necessary in the near future: and the Lieutenant-Governor is prepared to consider favourably proposals in this direction.

9. The Lieutenant-Governor desires to acknowledge the good work of the department throughout the year, and in particular thanks Mr. McIntosh for the devotion with which he has discharged the heavy duties of Conservator and for a comprehensive and interesting report.

ORDER.—Ordered that the foregoing remarks be published in the *Punjab Gazette* and communicated to the Conservator of Forests, Punjab, for information and guidance, also that they be forwarded, with copies of the report, to the Government of India, Department of Revenue and Agriculture (Forests).

By order of His Honour the Lieutenant-Governor, Punjab,

H. D. CRAIK,

Revenue Secretary to Government, Punjab.

REVIEW OF THE DISTRICT REPORTS ON THE ADMINISTRATION AND ACCOUNTS OF THE DISTRICT BOARDS IN THE PUNJAB FOR THE YEAR 1916-17.

Proceedings of His Honour the Lieutenant-Governor of the Punjab in the Boards and Committees (Boards) Department, No. 271, dated 5th January 1918.

READ—

The District Reports on the Administration and Accounts of the District Boards in the Punjab for the year 1916-17.

PART I.

REMARKS.—The only change in the constitution of district boards during the year has been the abolition of local boards in Amritsar and the reconstitution of the board with new electoral circles. No proposals for an extension of the elective system were received from any district nor indeed, where that system is already in vogue, do reports indicate any greater enthusiasm or keener competition. In Kangra and Gujrat there were no contests though vacancies numbered respectively 10 and 27, and in Gujranwala only 3 vacancies were contested out of 8, in Hoshiarpur 2 out of 25, and in Hissar 5 out of 29. It would, in the Lieutenant-Governor's opinion, be idle to disguise the fact that the system of election by votes is alien to the rural mind and that the attempts to excite interest in rural elections have usually ended in failure. By this it is not meant to convey that the rural masses are incapable of selecting some one to represent them even in matters of purely local concern. The Lieutenant-Governor believes that in the mass they often show themselves capable of selecting the right men, but this is done in India—as it was done in the earlier stages of local self-government in Europe—as the result of popular discussion and by popular acclamation rather than by the foreign and novel machinery of the voting register and the ballot box. At present an apathetic attitude on the part of electors is frequently due not only to the absence of any genuine interest—apart from some artificial stimulus—in the elective system, but also to a recognition of the fitness of the local representative, and the absence of any suitable man to replace him. A more regrettable feature is the absence of any candidate for several vacancies, which had therefore to be left unfilled or filled by nomination. On the whole therefore the rural attitude towards elections is still one of diffidence or distrust. Government has, however, since the close of the year, endeavoured to stimulate its extension by restoring the elective system in Gurgaon, where it was abolished some years ago owing to the feuds it gave rise to, by introducing it experimentally in Lyallpur, where the standard of intelligence and public spirit is well advanced, and by pressing for its favourable consideration by the Boards of the Rawalpindi and Multan Divisions in which it has not yet been introduced. The whole question will probably soon come under review in connection with the policy of extending local self-government.

2. The number of meetings held was generally satisfactory: Sialkot, Gujranwala and Shahpur head the list with twelve each, while Amritsar and Kangra are the worst defaulters with five and four, respectively, and in the case of Amritsar the paucity of the meetings is probably a main cause of the want of interest in the proceedings. There was no marked change in attendance: the average percentage of members present at each meeting was 81 in Amritsar, 77 in Lyallpur and Karnal and 73 in Gurgaon, while in Kangra it was only 55, in Mianwali 53 and in Dera Ghazi Khan 39. A high percentage, however, often accompanies an inadequate number of meetings, and a low one is usually due to deficient communications. The Lieutenant-Governor would again impress on the boards and their chairmen that frequent and regular meetings combined with a good attendance of members are essential not only for the proper disposal of business, but also as a means of interesting the members in their duties and educating them for larger responsibilities.

3. In districts where the standard of education is low members continue to take little interest in the business of the board. The Deputy Commissioner of Jhang reports that there are only half a dozen active members, and the same remarks could probably be made of several other boards. In most districts the attitude of members is blandly described as satisfactory: in a few only is interest keen and real. His Honour is glad to see that meetings in Rohtak are described as lively and discussion free, and that in Gurdaspur proceedings are followed with close attention. Lyallpur continues to lead the way in this respect; sub-committees are fully utilized and the Deputy Commissioner writes that matters of general interest are constantly brought up before them and discussed, and never without freedom of criticism and useful results.

Sub-committees are everywhere increasing in numbers and popularity, and with a few exceptions their work is reported to be good. In addition to the usual sub-committees for Finance and Education local and special sub-committees continue to grow. In Ambala there are tahsil sub-committees with power to sanction petty items of expenditure and dispose of routine business. Similar sub-committees in Multan supervise the carrying out of civil works up to a maximum value of Rs. 50 without the help of the engineering establishment, while for the sub-committees newly established in Jhelum the limit for this purpose has been fixed at Rs. 100. In other districts repairs to schools are carried out under local supervision, often through the agency of the schoolmaster, and this system must, where conditions are favourable, relieve the expert establishment of much unimportant work and encourage members to take an active part in local administration. Where general sub-committees have proved unsatisfactory, others appointed for special purposes frequently do excellent work; in Shahpur there is only one regular sub-committee, but special sub-committees met four times, and in Rohtak and Gurgaon such subcommittees have been formed in connection with village sanitation, cattlepounds and fairs. The tendency to substitute local and special sub-committees for larger gatherings is well illustrated at Gujrat, where the district sub-committees for arboriculture and sanitation were discontinued in favour of new tahsil sub-committees, and special sub-committees were formed to deal with the model farm and marriage registration. His Honour believes that where the field of discussion is limited to the mental horizon of the members or a definite task is set which falls within the range of their experience, members do generally take an interest in the administration of local affairs, and that within these limitations progress is real and promising. The surest line of advance on present conditions is for the boards to gauge the aptitude of their members and utilize them accordingly. At the same time Deputy Commissioners in their capacity as chairmen can do much to interest and educate the members in administrative matters and often at the same time obtain valuable advice, by consulting the boards freely on the many questions of proposed legislation, policy, &c., which are referred to them for opinion. The Lieutenant-Governor knows that this is already being done with excellent results in many districts and he would like to see it extended to all.

4. It may be hoped that measures recently taken to secure devolution by the removal of financial restrictions and to increase the resources of the boards will increase the interest taken in the wider questions which can only be decided by the district board as a whole. Hitherto the general policy in relation to the various operations of the boards has depended mainly on official suggestion, and this in turn has been largely determined by financial considerations. The resources of a number of boards have been so limited and inelastic, that nothing more than a hand-to-mouth policy has been possible, and where grants have been received from Government they have been earmarked for special purposes. In such circumstances any very lively interest on

the part of members could hardly be expected, and they have generally been content to pass a budget prepared in office without any serious comment. The remarkable progress of the Lyallpur board has been very largely due to its ample resources which enable it to meet the variety of local demands. It is true that the boards have power, subject to Government sanction, to add to their resources by fresh taxation, but till very recently any proposal for such taxation would have been extremely unpopular, and any progress which involved a call on the pocket of the taxpayers was, and still is as a general rule, regarded with disfavour. His Honour is therefore glad to see that since the publication of last year's review several boards have raised the local rate to the statutory limit of 10 pies per rupee on the annual value (which by comparison with any other country possessing local self-government is extraordinarily low), and the additional income should be of the greatest value from the point of view of general development. Hitherto boards as a rule have looked to the local rate as the sole means of taxation; but it is satisfactory to find that some boards are now proposing other forms of taxation which are allowed under sections 30 and 31 of the District Boards Act, and under which other classes will contribute towards the income of the board from whose operations they benefit as much as those who now pay the local rate.

The system under which Government made a number of grants for specific purposes has been entirely discontinued, apart from educational grants, with effect from the year 1917-18, and consolidated grants amounting to Rs. 7,74,000 introduced while an additional development grant of Rs 2,60,000 has been placed at the disposal of Commissioners. This reform should not only provide a welcome elasticity in local finance and encourage a keener interest on the part of members but also by introducing a more equitable basis of distribution materially assist the weaker boards. Budgets should now be characterized by a greater variety and show signs of a systematic financial policy, and a corresponding improvement will be expected in the somewhat jejune reports with which most districts are at present content. The boards have a wide field not only for extending education, sanitation and communications, but also for improving medical relief, and assisting agricultural and veterinary development as well as other measures for the well-being of the rural population, and they should be encouraged to take a broad view of their responsibilities.

5. Voluntary registration of Muhammadan marriages is now in force in most districts: wherever the experiment has been tried it has proved successful and its rapid extension is in itself sufficient proof of its popularity. In a number of cases the district board has assumed control, and the question of legalizing the levy of fees so as to make the work self-supporting is now under consideration. In Karnal and in the Sonepat Tahsil of Rohtak endeavours are being made towards the registration of *Karewa* marriages by Hindus: in Sonepat the system is not yet popular but deserves a full trial, and His Honour hopes that more satisfactory progress will be reported next year.

PART II—ACCOUNTS.*

6. The gross income of district boards was Rs. 78¾ lakhs, 25 lakhs above the figure for 1911-12 and 3¾ lakhs more than last year, nearly half the total income being produced by the local rate which rose from Rs. 34½ to 36½ lakhs. Government grants amounted to Rs. 24,92,961, slightly above last year's figure, and there were also increases under the heads "Interest," "School Fees," "Hospitals," "Gardens," "Fair," "Veterinary Dispensaries" and "Sale of buildings." The only heads under which there was any appreciable decrease were "Pounds," "Tolls and Ferries," "Rents" and various miscellaneous receipts. Expenditure dropped from Rs. 83,83,269 to Rs. 76,24,473, the chief reason being the difficulty of carrying out civil works owing to the war and the consequent scarcity of materials. Compared with

1911-12 the expenditure rose by 22½ lakhs. The financial position of the boards is steadily improving and they should now be in a position to make a comprehensive survey of the various services administered by them, and make an equitable apportionment of expenditure between them. Since 1911-12 the total expenditure on education has risen from 13 lakhs to 24 lakhs, while that on medical services has risen from Rs. 5,85,000 to Rs. 7,77,000, and on veterinary services, from Rs 57,000 to Rs. 73,000.

7. Receipts under the head "Education" amounted to Rs. 15,95,467 as against Rs. 14,60,897 last year: school fees account for Rs. 28,665 of the increase and Government contributions for Rs. 1,04,246. Expenditure rose from Rs. 23,14,740 to Rs 24,09,227: the net expenditure by boards on education was thus Rs. 8,13,760, nearly a lakh more than last year. The progress made during the year was certainly good, but reports do not always treat the subject with sufficient detail and complete figures to illustrate the advance cannot be compiled. In Lyallpur there are now 295 primary and 14 secondary schools and grants-in-aid are paid to 42 indigenous primary and 3 secondary schools. All boards realize the desirability of opening new institutions, but it may be doubted whether their subsequent development receives the requisite amount of attention or that adequate provision is made for new apparatus, trained teachers, and suitable buildings. Some boards are beginning to realize this: in Dera Ghazi Khan no schools were opened because the board could not guarantee their subsequent development, and several boards are making satisfactory arrangements for the provision of trained teachers. The opening of training schools for women teachers at Ludhiana and at Sohar in the Rohtak District is also encouraging and Government is providing for a further extension in the coming year. As regards school buildings the practice of the Lyallpur board —which is in accordance with the system introduced some years ago in Ferozepore—in demanding a contribution from a village before a school is built there deserves imitation as, providing a means of gauging the enthusiasm of the villagers and the school's chances of success. Hitherto the extension of primary education has often been spasmodic and the absence of any definite plan of campaign has militated against its success. This defect is now fully recognised and the educational authorities are taking systematic measures to advise and promote a regular and considered policy in the location of schools. The results of those measures will be particularly important in connection with the proposed legislation for making primary education compulsory where a decided majority of the people desire it, and adequate facilities are provided.

8. Income under the head 'Medical' rose from Rs. 97,142 to Rs. 1,07,510; this is particularly gratifying as Government grants fell from Rs. 33,790 to Rs. 12,339. The increase is spread over various sub-heads, the most noticeable features being the high figures of endowments in Karnal and Ferozepore and of hospital receipts at Ferozepore and Muzaffargarh. The levy of fees from the well-to-do continues to be unpopular with the public and the medical staff, and it is significant that the Sialkot District Board has abandoned the system because the income realized did not cover the cost of collection. Expenditure decreased from Rs. 7,84,047 to Rs. 7,76,901 owing principally to a large and welcome reduction in plague charges. Karnal continues to head the list with Rs. 61,434, followed by Gujranwala (Rs. 48,295), Ferozepore (Rs. 47,576) and Gurgaon (Rs. 40,503). The expenditure of a number of boards still appears to be inadequate. It is hoped that by now they will have begun to take action on the lines suggested in last year's review, and Government hopes to stimulate their efforts by providing a lakh of rupees as grants-in-aid for new buildings in the coming year. The expenditure on hospitals rose from Rs. 4,31,772 to Rs. 4,83,497 and indicates that boards have faced willingly the rise in the price of medical requisites. The distribution of medical stores however requires more attention. During a recent tour in the colonies the Lieutenant-Governor found one hospital in a fever-stricken locality with only 6 oz. of quinine, while a neighbouring dispensary had 7 lbs. in stock.

His Honour has read with pleasure that the Shahpur district board organized a training class for military Sub-Assistant Surgeons and compounders, and made a gift of X-ray apparatus to the military authorities. A generous offer of Rs. 8,000 has been made by Lala Mohan Lal for the construction of a female hospital at Girli in the Kangra District. Sardar Jiwan Singh has given Rs. 6,000 and a site for a dispensary at Daultala in the Rawalpindi District. These instances of munificence deserve wide recognition.

9. The improvement of agriculture is now receiving practical interest and support from several boards. The Sialkot and Amritsar boards already have demonstration farms, and Gujrat, Rohtak and Multan are following their example: the question is also under consideration at Hoshiarpur, Ludhiana, Jullundur and Gujranwala. For the present the success of these farms must depend largely on the skilled assistance which the Agricultural Department can furnish, and the movement therefore should not be allowed to outstrip the supply of competent managers. His Honour is pleased to see that the district board of Jhelum is giving 2 scholarships of Rs. 50 per mensem for students entering the Lyallpur College, and that the Lyallpur board offer 6 scholarships permanently for the vernacular course.

One hundred and forty bulls were purchased during the year, and the Hissar farm is now scarcely able to meet the calls made upon it. There are, however, renewed reports of excessive casualties due to the carelessness of the persons in charge, and the Lahore practice of demanding part payment of the price of the bull from the zemindar to whom it is given might be imitated with advantage. It has aleady been adopted in Lyallpur, Hissar and Gujranwala.

Mirza Shuja Beg constructed and equipped a veterinary dispensary at Patti in the Lahore district for the district board. His Honour takes this opportunity of thanking him for his public spirit.

10. Income under the head 'Civil Works' fell by a lakh owing to the reduction in Government grants. Expenditure decreased from Rs. 43,19,741 to Rs. 34,94,979. A number of works have had to be postponed, and it is not surprising to find that Rs. $3\frac{1}{2}$ lakhs less was spent on new buildings, Rs. $1\frac{1}{2}$ lakhs less on new roads, and Rs. $3\frac{1}{4}$ lakhs less on repairs to roads. There is a general complaint of the difficulty of procuring stone metal owing to the shortage of railway trucks and the withdrawal of concession rates, and if these conditions persist roads will go from bad to worse. They have suffered further from the abnormal rainfall of 1917, and boards will have to provide for liberal expenditure on their repairs as soon as conditions permit.

11. The space devoted to arboriculture in the reports varies greatly, and in some the subject is not even mentioned. Eighteen miles of trees were planted in Gujranwala, 17 in Sialkot, and 13 in Lyallpur, but for most districts figures are not available. In Sialkot the income from arboriculture reached the record figure of Rs. 43,000, of which Rs. 24,000 was clear profit, while in Gurdaspur the total income was Rs. 21,000 and expenditure Rs. 11,000. There seems to be no reason why other districts with an adequate rainfall should not find tree planting equally profitable. The importance of the subject is being increasingly recognised by district boards, and efforts are being made to procure the services of better qualified Superintendents. Amritsar, Gurdaspur and Multan have engaged men trained in the Lahore gardens, and the Daroghas at Karnal and Gujranwala are products of the Agricultural College at Lyallpur.

12. There exists in a few districts a real desire to improve the sanitary conditions of villages, and practical steps have been taken in several instances. In Ambala 3 villages were provided with pacca pavements, half the cost being subscribed locally, and in Rohtak paving and drainage schemes

are under consideration for one village in each tahsil. The sanitation tax at Mailsi in Multan is reported to be doing well, and a sanitation scheme comprising 7 villages in the Karnal district is still working satisfactorily. As a rule reports are silent on the success or otherwise of schemes once put into operation, and in view of the proposed legislation on the subject of small towns the Lieutenant-Governor thinks that the subject should have received more attention.

13. His Honour observes that the Amritsar report is again astonishingly meagre and gives little information on the working of the board and its special problems, and that the reports from Rawalpindi, Muzarffargarh and Gurgaon leave much to be desired. The Lyallpur, Sialkot and Gujranwala reports are very full and interesting, and Commissioners might well utilize them as models for other districts. In conclusion the Lieutenant-Governor desires to impress on all who are connected with the administration of the boards—both officials and non-officials—that it is their duty to arouse and stimulate the interest of the rural masses in their proceedings, thereby at the same time furthering their efficiency and promoting the public spirit that is essential for the true development of rural self-government.

ORDER.—Ordered that copies of the foregoing remarks be forwarded to all Commissioners of Divisions and Deputy Commissioners of Districts in the Punjab, the Accountant-General, Punjab, and the Secretary to Government, Punjab, Public Works Department, Buildings and Roads Branch, and be submitted to the Government of India in the Education Department.

Ordered, also, that the remarks and a translation of them be published in the *Punjab Gazette*, English and Urdu, versions, respectively, and that copies of the Urdu translation be supplied to the Deputy Commissioners for the information of District and Local Boards.

By Order of His Honour the Lieutenant-Governor, Punjab,

O. F. LUMSDEN,

Financial Secretary to Government, Punjab.

REVIEW OF THE ANNUAL MUNICIPAL ADMINISTRATION REPORTS FOR THE YEAR 1916-17.

Proceedings of His Honour the Lieutenant-Governor of the Punjab in the Boards and Committees (Committees) Department, No. 287, *dated* 5*th January* 1918.

READ—

The Annual Municipal Administration Reports for the year 1916-17.

PART I.

1. No change occurred in the number of municipalities during the year 1916-17, but notified areas were constituted at Baghbanpura and Bhogiwal, Ichhra, and Samundri. The extension of the elective system to several municipalities where it has not hitherto been adopted, is under consideration, and the system will be introduced wherever it has a reasonable prospect of success The reports as to elections are hardly encouraging, and leave the impression that in many towns the system is either regarded with indifference or, in the case of keen contests, which are generally stimulated by personal or sectarian feeling rather than by the broader issues of principle and policy, is apt to result in bribery and corruption. In the Ambala Division,

omitting Simla, there were only 25 candidates for 49 vacancies, in the Multan Division there were as a rule no contests, and for three vacancies occurring at Muzaffargarh two members were returned unopposed, while the third had to remain unfilled. Even at Kasur, where the exertion of seven candidates invested the elections with greater interest, only 243 out of 320 voters came to get their certificates, and of these only 160 went to the poll. On the other hand, Rohtak maintains its reputation for corrupt practices, with the result that the best men will not stand for election there; the price of a vote in Jagadhri is said to have been as high as Rs. 20, and the election at Fazilka which is alleged to have cost the candidates Rs. 40,000 gave rise to a protracted enquiry, in which it was found that both parties had been guilty of bribery. The Commissioner of Ambala expresses the opinion that elections take up much valuable time and cause a turmoil in the towns where they take place, while the Commissioner of Jullundur declares that there is no popular appreciation of the value of election as a means of giving expression to the opinions and wishes of the people on questions which concern them, and no popular opinion in favour of a clean handed contest or opposed to the use of bribery and corruption. Though these expressions are perhaps somewhat sweeping, the Lieutenant-Governor is constrained to agree that popular opinion as regards elections still leaves much to be desired, and would point out that now that the system of representation by election is assuming more importance it is more than ever necessary that every effort should be made to correct and improve it. Something may be done by the rules and model bye-laws recently issued by Government, and more by raising the qualification of voters, but the ultimate success of the elective system must depend primarily on a healthy public opinion and secondly on the character of the candidates and their agents and their determination to refrain from the reprehensible methods that are now only too common.

2. While the position as regards elections is thus, generally speaking, far from satisfactory it is pleasing to find that in certain other respects steady progress is being made in the way of urban administration. The number of meetings held by municipal committees has been generally adequate and in some cases very good. Fazilka heads the list with 67 effective meetings, and there were 61 at Amritsar, 55 at Ambala and Simla, 45 at Multan and between 30 and 45 at Ferozepore, Jalalpur Jattan and Kunjah. Only in a few notified areas was the number of meetings below the minimum, and failure in this respect may be taken as a further indication of the need of that simpler form of government for which provision is being made in the proposed Small Towns Bill. The attendance of members at meetings is generally reported to be satisfactory; it reached 97 per cent. at Khem Karan, 95 per cent. at Shahabad, 94 per cent. at Jullundur and over 85 per cent. at Bahadurgarh, Gohana and Sonepat. His Honour notices, however, that the muster of non-officials was below 60 per cent. in Hissar, Karnal, Jagadhri, Ambala, Fazilka, Chunian, Rawalpindi, Isa Khel, Dinanagar, Rajanpur and Gujranwala, and in the hill stations of Dharmsala and Murree, and that the number of meetings which proved abortive owing to the absence of a quorum was excessive in Hansi, Bhiwani, Karnal, Ferozepore, Miani and Rawalpindi.

3. The attitude of members towards municipal questions in many cases still leaves room for improvement. The Commissioner of Ambala, for instance, reports that there is much nagging and bickering often about petty matters, among members in the municipalities in his Division, and that this prevents their taking a real interest in ordinary municipal work. The Commissioner of Jullundur finds a genuine public spirit in the municipality of Jullundur, but none in small towns, while in most headquarter towns although broad questions are generally decided with an eye to the common good, in small matters, where personal interests are involved, personal or sectarian feeling comes into play. His Honour notes with pleasure that the Commissioner of Lahore comments favourably on the public spirit of the Lahore

and Amritsar committees and on the harmony with which they work, and that the Commissioner of Multan observes a marked improvement at Multan, where the appointment of an energetic paid Secretary has infused life into the administration, and members take a wider view of questions before them. It appears indeed that in the large towns of the province where the standard of education is higher and knowledge of outside conditions greater, members are gradually acquiring that appreciation of public duty without which urban self-government is impossible, but that in most small towns local and sectarian jealousies are rampant and are a serious impediment to clean and efficient administration. Midway between the large and small town there is the ordinary headquarters municipality where, in the words of the Deputy Commissioner of Sialkot, "members are willing to subordinate personal and party interests to the good of the public so long as the former are not deeply engaged and the latter is clearly apparent"

4. Committees are generally reported to be discharging their statutory functions satisfactorily, but as in last year's report detailed criticisms are lacking. There appear however to be two tendencies which require to be checked : a desire on the part of unofficial members to keep executive control of petty matters in their own hands, and a disinclination to grapple with really important problems. The former is seen in the disproportionate interest taken in individual building applications, and other petty questions of a personal nature, and too often results in that jealousy of the executive officers of the committee which was the subject of unfavourable comment in last year's review. If a small portion of the time and attention, which is given to these matters, were devoted to broader questions, progress would be greatly accelerated. In the majority of municipalities there has been no serious attempt to deal with overcrowding or with the food and milk supply. Town planning schemes have indeed been approved for Jhang and Multan, but the proviso to section 193 of the Act needs more attention from committees. The control of food and milk is frequently limited to casual inspections by an Assistant Surgeon, and bye-laws are half-heartedly enforced ; however His Honour notes with satisfaction that such questions are now being taken up seriously in several municipalities, and that fresh bye-laws are under consideration. With a view to assisting municipalities Government has recently framed sets of model bye-laws which though not intended to be comprehensive should serve as a valuable guide to local bodies

Education and medical relief are subjects in which almost all committees show a satisfactory interest, but it is disappointing to find that there has been little or no progress in the year in the collection of fees for medical attendance from the well-to-do, and the matter is one that needs further attention. His Honour is glad to see that Rs. 9,745 have been raised by voluntary subscriptions at Banga for the construction of a new dispensary and Rs. 40,000 at Rawalpindi for a similar object.

5. The good work of a large number of non-official members has been noticed in the reports: in the case of headquarter towns special mention is made of Rai Sahib Lala Ganga Ram and B. Nazar Muhammad (Ambala), Rai Bahadur Lala Sham Das (Hoshiarpur), Rai Bahadur Pandit Devi Chand (Jullundur), Hon'ble Sardar Bahadur Sardar Gajjan Singh (Ludhiana), Khan Bahadur Muhammad Ali Khan, Kazilbash, and Rai Bahadur Milkhi Ram (Lahore), Rai Bahadur Lala Gopal Das and Khan Bahadur Shaikh Ghulam Sadiq (Amritsar), Lala Radha Kishen (Montgomery), Rai Bahadur Diwan Ganpat Rai, C.I.E. (Dera Ghazi Khan), Rai Bahadur Buta Singh, C.I.E. (Rawalpindi) ; while in respect of work in smaller towns the efforts of Mr. J. Stewart (Kalka), Rai Bahadur Lala Tilok Chand, I.S.O. (Leiah), Mr J. Powell (Murree), Reverend Canon Guilford (Tarn Taran) and Lala Tek Chand (Jandiala) are specially commended.

PART II.—TAXATION.

6. (*a*) Income from taxation during the year was two lakhs greater than last year; octroi accounts for a lakh and-a quarter of this excess and reaches a total of nearly 40 lakhs which constitutes a record. The increase has been general except in the Ambala Division, the most noticeable gains being at Rawalpindi (Rs. 47,000), Lahore (Rs. 35,000), Gujranwala (Rs. 25,000), Amritsar (Rs. 19,000), Sialkot (Rs. 12,000), and is due mainly to the rise in prices, which makes *ad valorem* rates lucrative, and more than counterbalances a reduction in imports of building materials and other articles the use of which has been restricted owing to the war. In Rawalpindi the increase is largely due to imports intended to satisfy the exceptional demands of the military authorities. Refunds are highest in Gujranwala where they reached 38 per cent. followed by Kasur with 35 per cent., Khem Karan 29 per cent., Amritsar 24 per cent., Ludhiana 21 per cent. His Honour is glad to see that proposals regarding the substitution of a terminal tax at Gujranwala have now been sent up to Government, and that the Commissioner of Jullundur is bringing a similar reform before the municipal committee of Ludhiana. A terminal tax has already succeeded octroi at Fazilka and Muktsar, while its adoption at Pakpattan has only been deferred owing to the temporary removal of the railway. In the first two municipalities the change is said to have been most successful, and though it is not yet time to pronounce on its working elsewhere, His Honour hopes that next year's reports will contain detailed information on this point. This form of taxation seems at last to have attracted the attention it deserves, and is said to be under contemplation in Jullundur, Jagraon, Hissar, Bhiwani, Rewari, Palwal, Rohtak, Karnal, Ambala City, Lahore and Amritsar. Legislation empowering the Local Government to sanction in certain cases proposals to substitute a terminal tax for octroi is now under consideration, and if passed should facilitate the more general adoption of this tax.

7. The working of special taxes received little attention in this year's reports. The house tax is the commonest, but does not appear to be increasing in favour: the work of assessment is unpopular, and when once effected members are loth to revise it. The income from this tax at Ambala is stationary, but though the auditors have suggested reassessment, the municipal committee has not so far tackled the question. On the other hand, the municipal committee at Sargodha has doubled the rate of house-tax. The question of the exemption of Government and district board buildings from this tax has recently been raised and it appears from information now collected that there is much divergence of practice. While each case must be decided on its merits, Government has no desire to impede the independent development of municipal finances by any general exemptions of this nature and has decided to leave the matter to the discretion of local bodies. A residents' tax has been imposed in several notified areas, and this form of tax is likely to be substituted generally for a profession tax in such areas owing to legal difficulties which have been experienced in connection with the latter. No new water taxes or water rates have been imposed during the year, though a water tax is under consideration at Rewari—a disappointing lack of progress in view of His Honour's remarks on this subject in last year's review.

PART III.—ACCOUNTS.

8. The total income of municipalities rose from Rs. 74,35,032 to Rs. 82,00,418, and thus almost reached the figure of 1914-15. Omitting Government grants the increase has risen between 1911-12 and 1916-17 from 68 to 74½ lakhs or by only 10 per cent. while in the same period the income of district boards rose by over 40 per cent. The incidence of taxation for the year was Rs. 2-12-6 per head. The increase under the head octroi has already been noticed; most other heads too show some improvement. The profession tax yielded Rs. 15,391 as compared with Rs. 1,977 owing to the extension of this form of taxation and water rate rose from Rs. 60,074

to Rs. 63,657. Terminal tax appeared in the accounts for the first time and brought in Rs. 34,575. Proceeds of sale of lands amounted to Rs. 4,39,235 as against Rs. 2,12,483 last year, which was an unusually low figure; fees from sale of water rose from Rs. 2,80,043 to Rs. 2,94,241, and fees for the Electrical Departments from Rs. 1,64,580 to Rs. 4,74,219 owing to increased receipts in the Simla District and the starting of the Amritsar scheme. Grants from Government fell from Rs. 2,51,534 to Rs. 2,22,685.

The aggregate expenditure for the year was practically the same as for 1915-16, Rs. 70,55,136, as compared with Rs. 70,29,861 and the total balance at the close of the year rose from 36 to 40 lakhs. Under the head 'Water-supply' there was a fall from Rs. 6,45,226 to Rs. 6,39,020, under Drainage from Rs. 13,45,460 to Rs. 12,34,372, and under Plague from Rs. 50,736 to Rs. 26,709. Under Public Works, Buildings, there was a decrease from Rs. 1,47,905 to Rs. 1,39,867, but a rise under Roads from Rs. 5,60,889 to Rs. 6,60,406. Medical expenditure increased from Rs. 6,89,831 to Rs. 7,18,624 and Public Instruction from Rs. 5,75,906 to Rs. 6,07,858, and though occasional complaints are received from both these departments that they receive insufficient funds, the committees are on the whole fully alive to their claims and meet them to the best of their ability.

9. A number of large schemes of public improvement are in hand or under consideration. The majority of these are drainage schemes: the underground sewerage scheme at Lahore has been submitted to Government, and the committee is also considering the provision of tube-wells and storage tanks to supplement the water-supply; this is a cheaper expedient than the extension of the water-works, and is likely to be adopted also by the Amritsar municipality. At Jullundur a drainage scheme costing five lakhs has been approved by Government, and an application has been made for the loan of two lakhs to finance it. The electric scheme for Lyallpur costing two-and-a half lakhs is still held up. At Multan water-works, electric and drainage schemes are under consideration; the committee has received one-and-a-half lakhs from Government for the water-works and one lakh for drainage. A costly drainage scheme is also contemplated for Jhang-Maghiana, and a grant of Rs. 90,000 has been made by the Sanitary Board for the improvement of the Ambala water-works. The municipal committee of Gujranwala has laid down a progressive plan comprising a new hospital, drainage, water-works and electric scheme and arrangements are being made to finance it. Though few if any of the larger schemes can be undertaken by municipalities without grants from Government, His Honour sees in them a gratifying sign that committees realize the need for better conditions, particularly as regards sanitation, and are ready to take practical steps to attain them.

10. A number of municipalities ended the year with what appear at first sight to be unnecessarily large balances, but in almost every case these represent the funds needed to finance some scheme in contemplation. Of the two lakhs at the credit of the Amritsar committee, Rs. 69,000 represented Government grants, and Rs. 62,000 had already been earmarked. Of Multan's closing balance of $3\frac{3}{4}$ lakhs, $2\frac{1}{2}$ lakhs were Government grants, while Dera Ghazi Khan's Rs. 1,37,457 will all be required for original works in the near future. Ambala ended the year with a balance of Rs. 1,03,733, but Rs. 90,710 was a grant for the water-works and the remainder did not cover outstanding debts. At Rahon, Pind Dadan Khan, Dingah and Sahiwal closing balances were below the prescribed minimum, the usual explanation being an unexpected fall in octroi income.

11. The Accountant-General's report on Local Funds has been published in the *Punjab Gazette* of 14th September 1917. Where there is any discrepancy in figures, those published in the present report, which have been checked with the latest information, may be considered correct.

IV.—General.

12. On the whole the year was a healthy one and no serious epidemics are recorded with the exception of plague at Jhelum and Rawalpindi. Energetic measures were taken at both these places, and, though the inhabitants were not always helpful, proved successful. The constant recurrence of plague at Rawalpindi is still the subject of investigation, and radical improvements in the methods of storing grain are recommended.

In July 1916 nine inches of rain in five hours destroyed a large part of the town of Muktsar : rebuilding has been carried out in accordance with a regular scheme that will greatly improve the town, and proposals have been made with a view to saving it from floods in future. In Jhajjar town too a number of houses were swept away by floods and pecuniary help had to be afforded to the sufferers by the municipal committee.

Efforts to reduce infantile mortality by the provision of dais are being made by some municipalities, and Government has recently issued a circular letter on the subject which it is hoped will enable further progress to be made in this highly important matter.

Order.—Ordered that the copies of the foregoing remarks be forwarded to all Commissioners of Divisions and Deputy Commissioners in the Punjab and the Secretary to Government, Punjab, Public Works Department, Buildings and Roads Branch, and be submitted to the Government of India in the Education Department.

Ordered, also, that the remarks and a translation of them be published in the *Punjab Government Gazette*, English and Urdu versions, respectively, and that copies of the Urdu translation be supplied to Deputy Commissioners for the information of the municipal committees.

By order of His Honour the Lieutenant-Governor of the Punjab,

O. F. LUMSDEN,

Financial Secretary to Government, Punjab.

2058 PGG—615—11-1-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 2 LAHORE, FRIDAY, JANUARY 25, 1918.

PART II.

GENERAL.

REVIEW OF THE REPORT OF THE DIRECTOR OF PUBLIC INSTRUCTION, PUNJAB FOR THE QUINQUENNIUM ENDING THE 31ST MARCH 1917.

Proceedings of His Honour the Lieutenant-Governor of the Punjab in the Home (General) Department, No. 1607, dated 21st January 1918.

READ—

The Report of the Director of Public Instruction, Punjab, for the quinquennium ending the 31st March 1917.

REMARKS.—Some of the leading features of the present report have already been referred to by the Lieutenant-Governor in his Convocation address last December. The total expenditure for the year 1916-17 is Rs. 109 lakhs as compared with 69 in 1911-12. Students of all classes number 477,000 as compared with 381,000, and the number of institutions has risen from 7,400 to 9,400. Many new buildings have been erected, both by Government and by local or communal bodies receiving building grants from Gov ernment, the number of trained teachers has almost doubled and there has been a marked improvement in the pay and prospects of teachers, so that in the lower grades, at any rate, the teaching profession is now able to hold its own in the market. This progress has been largely due to the liberal grants made by the Government of India, amounting in all to a total of just over half a-crore of rupees, three-quarters of which was non-recurring.

2. On the other hand, during the last two years of the period under review, the rate of progress has been retarded by the war. Imperial grants have been reduced; the scheme for the construction of a second Government College outside Lahore has been in abeyance, several appointments sanctioned before the war have not been filled and more than one member of the staff of the Government College, Lahore, has joined the Indian Army Reserve of Officers; the Sanawar Training Class has been depleted of half its members, and the project of opening a second Training College at Jullundur has been postponed.

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3. There has been a very marked difference between municipalities and district boards in regard to the encouragement of primary education. The Government of India Resolution of 21st February 1913 on Indian Educational Policy emphasized the necessity for "the widest possible extension of primary education on a voluntary basis." The Director deplores the failure of municipal committees to realize their obligations in this respect, and the Lieutenant-Governor observes that the municipalities he pillories include some of the most important in the province, such as those of Amritsar, Ludhiána and Jullundur. Mr. Richey's explanation is that municipal councillors, as a rule, mainly think of providing the education required by the well-to-do classes to which they themselves belong, and tend to ignore the claims of primary education. If this view is correct, the indictment is a serious one and the committees in question should do what they can to remove the reproach. It is refreshing to learn that the net expenditure of the district boards, apart from Imperial grants, has risen during the last five years from 8 to 13 lakhs, the greater part of which has been devoted to primary and vernacular education. The system of fixed grants per school for vernacular education has again been subjected to criticism on the ground that it makes no allowance for the growth of expenditure on schools already in existence. It should not be difficult to remedy this defect, and the Lieutenant-Governor will be interested to learn what solution has been suggested by the Committee which recently sat to consider the matter. The District Boards of Lyallpur, Jhelum and Ferozepore have been specially commended for their practical encouragement of primary schools.

4. Collegiate education has shown considerable extension during the quinquennium, the number of students having risen from 2,462 to 4,221. Expenditure on new college buildings amounted to about 6⅓ lakhs while recurring expenditure rose to 6½ lakhs, an increase of 78 per cent. It is satisfactory to record that 48 per cent. of the total expenditure was met from fees. Of the ten Arts Colleges in the province, seven are situated in Lahore, where greater facilities exist for the pursuit of higher studies, and are in close proximity to one another forming as it were an academic quarter of the town. The Director comments favourably on the mutual relations between the Colleges, and on the general behaviour of the students. It is perhaps open to question whether the capital of the province is an ideal locality for a large residential University, but in the Punjab we have made our choice and must abide by it. The pressure on accommodation in Lahore may be alleviated in time by the construction of second grade colleges in outlying districts, like that recently opened at Gujranwala.

To what extent the graduates of the University are able to find employment is a question on which the Report does not touch. The dearth of occupations formed the subject of more than one of Dr. Ewing's Convocation addresses, and it would be interesting to know how far the country in its present stage of advancement is able to absorb the output of the University. The question is one of some economic importance, and an enquiry by the University authorities might elicit information which would be of considerable value.

The growth of College hostels is a satisfactory feature of the quinquennium. The report states that in Arts Colleges 2,399 students out of a total of 4,221 reside in premises controlled by colleges. There is nothing to show how many of these are living in branch boarding-houses, and how many in lodging-houses or private messes. The answer to these questions would give the measure of the insufficiency of hostel accommodation. But in spite of this insufficiency, it is clear that there has been a development in the corporate and social life of the colleges. The Lieutenant-Governor regards this as most important, as the aim of the colleges should be to train men to take their

part in the life of the community at large, and to give them the wider culture which is necessary not only for the "rational enjoyment of leisure," but also for the adequate performance of professional work.

In the spring of 1917 efforts were made to raise a company of 227 graduates and under-graduates for active service. It is a matter for regret that not more than 56 fit recruits were forthcoming. A large proportion of these were educated members of the fighting classes, and about half came from the Khalsa College. They were formed into a Brigade Signal Section. Their training is now complete and they are shortly proceeding on active service. The Lieutenant-Governor wishes them every success and has no doubt that they will prove themselves true sons of the Punjab. But it is sad to think that owing to the feeble support they have received from their fellow-students who, it was hoped, would have shown that the martial spirit of the Province is not limited to the rural classes, the unit must almost inevitably in the course of the campaign lose its distinctive character as a university corps.

5. Although the province of secondary education is, in accordance with the policy of Government, largely left to private enterprise, about three-eighths of the total expenditure of 28 lakhs is met from public funds. In 1911-12 the total expenditure was only 16 lakhs, so that the increase in the quinquennium amounts to 75 per cent. During the same period the number of pupils actually receiving secondary education increased from 50,000 to about 68,000, while the number of secondary schools for boys has risen from 309 to 413. Many new buildings have been erected, salaries have been raised and systematic medical inspection has been introduced.

On the other hand, the desire for English education on the part of those who are able to make themselves heard tends to limit the number of vernacular middle schools, which provide the poorer classes with a cheap secondary education. The compromise which has been arrived at in the Jullundur Division (see paragraph 30 of the report) deserves the consideration of district boards in other parts of the province.

One of the dangers attending secondary education is the tendency in some schools to make their course of instruction subservient to the University curriculum, and Mr. Richey complains of the fetish of examinations. This is a question which calls for very careful consideration. His Honour has recently had his attention invited to an illuminating essay by Mr. Wyatt, Inspector of Schools, Ráwalpindi Division, on "Methods of School Inspection in England," published by the Indian Bureau of Education. The author shows how schools in England went through the same stage that we are passing through in India—the stage in which the examination in a limited range of subjects is permitted to dominate school life. He points out the evils to which this system led and shows how the examination has now been relegated to a very different position. The whole essay should be studied by those who are interested in educational reform in the Punjab.

The medical inspection of schools and scholars in the towns has at last been fairly established, but the intelligent co-operation of parents is necessary if their children are to derive full benefit from the system. More attention is being paid to physical exercise, and the Lieutenant-Governor hopes that District Officers will continue to do all they can to assist in the matter of providing playgrounds. The Director comments on the pernicious influence of tournaments, and attention is concentrated on promising athletes to the neglect of all others. The primary object of games and physical training in schools is to raise the general standard of health, rather than the individual standard of skill. A modern writer has said with a large measure of truth : "It is a good sign in a nation when such things are done badly. It shows that all the people are doing them."

The efforts that have been made during the quinquennium to improve the quality of teaching have not been without result, and the Director mentions English, Drawing, Science and Manual Training as subjects in which the improvement has been marked.

The Report speaks briefly of the moral training that is given in schools, but the most potent influence of all is that of example, and silent disapproval may often carry more weight than eloquent exhortation. Herein lies the peculiar responsibility of the schoolmaster's profession.

The record of the secondary schools of the province in connection with the war is one of which they may well be proud and proves that the younger generation has inherited to the full the loyal and martial traditions of their forefathers. In the Ráwalpindi Division alone, nearly a thousand teachers and pupils have enlisted in the army, and some of the teachers have shown themselves most enthusiastic recuiters. A notable instance is that of the fifth master of the Government High School, Gujrát, who has already given his three sons for military service and has been instrumental in enlisting many other recruits. Considerable contributions have been made to various funds, in many cases the pupils decided to forego their prizes so that the money might be sent to the Red Cross or the Comforts Fund for troops in the field and the pupils at the Central Model School have subscribed nearly Rs. 10,000 to the war loan.

6. Reference has already been made to the expansion of primary education. At the end of 1911-12 there were 3,417 primary schools for boys and 179,410 pupils. According to the figures given by the Director there are now 4,913 such schools with an attendance of 245,628. Five years ago there was a school for every 10 villages: now there is one for every 7. Progress has, however, not been so rapid as was at one time hoped. The quinquennial programme drawn up in 1912 aimed at the establishment of 2,750 schools. The number actually established has been 1,500, but it compares favourably with the increase of 263 in the preceding quinquennium. The average attendance shows a slight decline from 52 to 50. This is only natural as schools are first established in the places where there is the greatest demand for them.

But it seems clear from what the Director says that a large proportion of the children who go to school get little or no benefit from their 'education.' The average duration of school life is less than 4 years, and more than half the total number of pupils at school are in the two lowest classes. A year or two of a child's life spent in an infant class, with children in varying stages of progress, can have no lasting effect on the mind. Not only so but, as Mr. Richey points out, it discredits education in rural areas. The remedies are increased staff and improved methods, and the Lieutenant-Governor hopes that every effort will be made to apply them. As His Honour observed in his Convocation address with reference to the Compulsory Education Bill: "Before we force people to accept our gift, we should satisfy ourselves that the gift is one that they can turn to good account."

The large grants that have been made during the five years have enabled local bodies to carry out a much-needed reform in the enhancement of salaries, and the teaching profession has now a fair chance in the market. No certificated teacher in a board primary school now receives less than Rs. 12 and no headmaster less than Rs. 15. The result is apparent in the increasing number of students at Normal Schools. The number of Normal Schools has risen from 5 to 10, and the number of those studying in them from 452 to 912. Trained teachers are now 52 per cent. of the whole number of primary school teachers, as compared with 41 per cent. five years ago, and the total number is 9,868 as compared with 6,498.

The revision of the grant-in-aid rules has led to an increase in the number of aided primary schools from 744 to 1,335. The intention was to improve the *maktabs* and other institutions in which elementary religious instruction is given by inducing the managers to include a certain amount of general instruction. This intention has not been realized, and the increase in the number of schools receiving grants-in-aid is due in the main to the establishment of new schools which have been called into existence by the prospect of obtaining a grant on easy terms.

7. The percentage of trained teachers in secondary schools has increased from 54 to 65 during the last five years and there has been improvement also in the rates of pay.

The Central Training College, which for 10 years has been in the very capable hands of Mr. Knowlton, remains the only source of supply for teachers trained in English. There were, in 1916-17, 481 candidates for admission to the B. T. and Senior and Junior Anglo-Vernacular classes, of whom it was not possible to admit more than 149,—less than one in three of the total number. Mr. Richey gives an interesting account of the qualifications required for each class of student in the training institutions and of the various courses of study. As he points out, "the importance of the work of the normal schools, which will provide teachers for three-quarters of the boys and girls under instruction in the Province, can hardly be over-estimated." If local bodies are to take full advantage of the legislation which is now being undertaken, the demand for trained teachers will be intensified, and the Director should take steps in good time to ensure that it will be met.

Although the facilities for the training of women teachers in girls' schools are still limited, the number of women under training has risen from 48 to 225 during the quinquennium. The Kinnaird High School in Lahore is the chief centre of training for appointments in secondary schools, while the Lahore Normal School for Women, the U. P. American Mission at Siálkot and some other institutions of a similar nature serve the vernacular girls' schools of the Punjab. A large increase in Normal Schools for Women so as to provide at least one in each Division is now under contemplation.

8. The quinquennium has seen some notable additions to the buildings devoted to professional education. The new Medical College, opened by Lord Hardinge in November 1915, compares favourably with the best of similar institutions in other parts of India, and the Lahore Veterinary College, also opened by Lord Hardinge, is one of the largest and best equipped in the Empire. The number of admissions to the Medical College has doubled, and the Principal and the Inspector-General are agreed that "the only possible method of coping with the numbers is to remove the School Department to some other centre." For the 4-years' course at Lyallpur, there have been 200 applicants for admission as compared with 38 five years ago. There is room for only 35 students of the short vernacular course, but there were 101 applicants for admission.

The report contains striking evidence of the demand that exists for the product of our professional institutions :—"The demand for the class of Medical practitioners passing out from the school is increasingly great and already the situation has become acute. The numbers passing out in the next few years will not be sufficient to meet Government demands, let alone those of the general public." "The demand for Veterinary graduates has continued to be as great as ever, and the supply is totally inadequate to meet it." "Of the 43 students, who passed out (of the Rasul School of Engineering) last year, thirty-three obtained employment in the Public Works Department, 2 in the Military Works Department and 3 in the Bahawalpur State Service." "Thirty-seven applications," writes Mr. Heath with reference to the drawing classes at the School of Art, "have been received from other provinces for trained masters, which shows that the need for this class of teacher is wide-spread." "Ex-students of this school" (the Victoria Diamond Jubilee Hindu Technical Institute) "generally get ready and lucrative employment."

The above quoted extracts from the report show the demand that there is for professional and technical education, and the prospects of employment that there are for those who have received it. It is very necessary that the institutions which supply these forms of education should grow with the growing demand for employment. That demand is the best test of their utility and the true measure of the need for expansion.

10. Public opinion in favour of the education of Indian women is steadily growing, and the report records noteworthy progress during the past 5 years. The Christian Missions, the Arya Samaj, the Khalsa Diwan, the Dev Samaj and other pioneers in the educational movement have done their best to break down ancient prejudices. The number of institutions for girls has risen, during the past five years, from 669 to 990 and the number of scholars from 33,260 to 51,496, while the number of women under training for the teaching profession has increased five-fold. In the sphere of secondary education mention must be made of the Kinnaird High School, which provides collegiate classes recognised by the Punjab University and prepa res for the Junior Anglo-Vernacular Teache rs' Certificate Examnation, and also of the Queen Mary's College,—an institution of some five years' standing for the education of girls of high social position, which possesses a well-designed and fully equipped building and a strong staff of lady teachers. It is still difficult to enlist the co-operation of Indian ladies in the management of schools, but until they are prepared to come forward it will be necessary to retain the present committees of men.

11. The education of Europeans in the Province is conducted in 34 public schools, four of which are directly managed by Government, the total number of scholars being 2,890. The instruction is not always adapted to the needs of the time; science is rarely taught and housewifery in girls' schools is often neglected. The dearth of suitable teachers accounts for these phenomena. In the Lawrence Military Asylum at Sanawar, however, and in the Lawrence School, Ghora Gali, which was provincialised in 1913-14, the province possesses two schools which are distinguished for their general efficiency, the *esprit de corps* of their scholars and the comprehensive view of requirements and lofty sense of duty exhibited by their Principals and staffs. These institutions are in some respects modelled on public schools in Great Britain, and both enjoy a wide popularity. Each department is organised on sound, common-sense principles, and that is more than half the battle. Great credit is due to the Reverend G. D. Barne and the Reverend H. T. Wightwick, the Principals at Sanawar and Ghora Gali, and to the staffs under their control. At both places, considerable sums of money have been spent on improving the buildings during the quinquennium.

12. The chapter of the report dealing with the education of special classes is mainly devoted to the subject of the backwardness of the Muhammadan community. This fact has been mentioned in many previous reports, and the statistics of the quinquennium under review indicate that while Muhammadans, who form 55 per cent. of the population of the province, are holding their own in Primary and Vernacular Middle Schools, in other general educational institutions they have lost ground in comparison with other communities.

The figures given in paragraph 110 of the Report are difficult to reconcile with those in general table V-A., but assuming that they are correct the percentage of increase in the number of pupils at each stage of instruction for Hindus, Muhammadans and Sikhs are as follows :—

		Muhammadans.	*Hindus.*	*Sikhs.*
Arts Colleges ...	...	56	64	61
Other „ ...	...	6	37	100
Secondary Schools	Anglo-Vernacular	5	19	45
	Vernacular	36	19	48
Technical and Industrial Schools		60	112	—5
Primary Schools ...	...	36	37	36
Total	...	29	30	41

In the final examination for Vernacular Middle Schools, one-third of the successful candidates were Muhammadans, in the Matriculation Examination less than one-fourth and in Degree Examinations less than one-sixth. It is only at the Lyallpur Agricultural College, the Veterinary College and the Mayo School of Art and in Industrial schools generally that they are well represented. The causes of this comparative stagnation are too well known to need repetition, while the remedies of the past, consisting in the remission of fees and the establishment of special scholarships, have not been particularly efficacious. The suggestions now offered by the Director include the bringing of facilities for secondary education nearer to the homes of the agricultural population and the introduction of a larger Muhammadan element into the teaching and inspecting staffs in rural tracts. This, however, postulates that Muhammadan students should take to the teaching profession, especially the higher branches, in greater number than they have hitherto done, and the Lieutenant-Governor would welcome the assistance of the various Muhammadan associations towards bringing about this result. The most hopeful signs in the outlook are the steady increase in the number of Islamic institutions and the liberality which the Muslim gentry display towards the education of their co-religionists. Among the low castes and criminal tribes of the Province, Christian Missions and the Arya Samaj have done commendable service. The other communities are now beginning to realise their responsibilities in this matter, and the next 5 years should witness a great advance in the education of these classes, as their reclamation has been taken in hand on large and comprehensive lines.

13. The Text-Book Committee has continued to do useful work. The selection of books is made with great care, and one of the Committee's chief aims is to keep prices as low as possible in order to safeguard the interests of pupils.

14. For the greater portion of the quinquennium Mr. J. C. Godley, C.S.I., was Director, Mr. Crosse, Inspector of Schools, Lahore, holding charge for six weeks in 1912, and Mr. Richey, the new Director, officiating for six and-a-half months in 1915. A tribute has been paid in the review of 1915-16 to Mr. Godley's services to the cause of education in this Province. In Mr. Richey an able successor has been found, and the Lieutenant-Governor takes this opportunity of thanking him for an interesting and comprehensive report on educational progress during the past quinquennium. The officers of the Department generally are to be congratulated on the success with which their labours have been attended,—a success due very largely to their intelligence, energy, keenness and application.

Dr. Ewing retired from the Vice-Chancellorship of the University in February 1917. He had held the appointment for seven years, during which period the influence of his personality on the course of University affairs was very marked. His services to the cause of education in the Punjab were recognised by the conferment of an honorary C.I.E. in 1915.

ORDER.—Ordered that the above remarks be printed and circulated with the report; also that they be published in the *Punjab Government Gazette*, and be forwarded to the Director of Public Instruction, Punjab, for information, and also that they be submitted to the Government of India, in the Department of Education, with copies of the report.

By order of His Honour the Lieutenant-Governor, Punjab,

H. P. THOMPSON,

Chief Secretary to Government, Punjab.

2185 PGG—615—25-1-18—SGPP Lahore.

Registered No. [illegible] 4.

SUPPLEMENT TO THE
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PUNJAB AND ITS DEPENDENCIES.

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No. 3 LAHORE, FRIDAY, FEBRUARY 22, 1918.

PART II.
GENERAL.

REVIEW OF THE PROGRESS REPORT ON ARBORICULTURE IN THE PUNJAB FOR THE TRIENNIUM 1914-15 TO 1916-17.

Proceedings of His Honour the Lieutenant-Governor of the Punjab in the Forest Department, No. 3819, dated 18th February 1918.

READ—

The Progress Report on Arboriculture in the Punjab for the triennium 1914-15 to 1916-17, submitted with the letter from the Conservator of Forests, Punjab, No. 2414, dated 10th October 1917.

REMARKS.—The total length of District Board and Municipal roadside avenues decreased during the triennium by 72·29 miles : 864·89 miles were successfully planted, and in all districts the length planted exceeded the length of failures, while in some there were no failures at all. The principal additions were in Kangra (84 miles), Sialkot (64), Gujrat (63), Rawalpindi (55), Ferozepore (64) and Multan (64). In Hoshiarpur where, however, roads are already well stocked, additions amounted to only six miles, in Karnal 7, and in Jullundur 1·13. The final decrease was due almost entirely to corrections of previous figures, which amount to 722·15 miles, 499 being in Kangra, but no explanation has been given of these high figures. In reality, therefore, the progress in planting has been considerable.

2. The former classification of districts, which the extension of canal irrigation had rendered obsolete, was recently revised, and districts are now classed as submontane districts, plains districts with good irrigation facilities, and plains districts with poor irrigation facilities. In the first class arboricul-

ture presents no great difficulties and ought already to yield a substantial profit: all except Kangra do in fact now show a surplus, while in Sialkot and Hoshiarpur the gross revenue exceeded a lakh. In the second class Ferozepore, Jullundur and Amritsar are the only districts that report a surplus, but several others, notably in the canal colonies, should be able to show a handsome profit in a few years' time. In the third class only Dera Ghazi Khan shows a small and probably fortuitous surplus.

The gross revenue to local bodies from arboriculture was Rs. 10,32,902 as against Rs. 9,41,418 in 1911-12 to 1913-14, while expenditure rose from Rs. 11,92,006 to Rs. 13,72,343 : the deficit has therefore risen from Rs. 2,50,588 to Rs. 3,39,441. This result is at first sight discouraging, but is mainly due to the increasing attention that is being given to the subject in the less favoured districts of the province, where the provision of shade trees along roadsides justifies financial loss. In Montgomery, for instance, special efforts were made in the Sutlej tahsils, but 19 out of 39 miles planted failed, while in Multan 55 miles were successfully planted and 19 failed. The financial results may, therefore, be accepted with equanimity, and it may be hoped that if the efforts of local bodies are better regulated in future, the deficit will be gradually converted into a surplus.

3. District reports seldom indicate any particular enterprise on the part of District Boards and Municipalities; some local bodies have drawn up plans of operations, but find them difficult to carry out. It is, however, clear that many district boards are rightly aiming at more variety of species in planting, and the *Nim*, *Terminalia* and *Eucalyptus* are steadily coming into favour. There are obvious advantages in encouraging within reasonable limits non-deciduous species such as the *Nim* where shade is specially needed, and the mango and the varieties of the fig should be encouraged where they can be grown with success. Efforts are being made in most districts to secure the services of better qualified men to supervise operations. The Gurdaspur and Multan Boards have men who were trained in the Lawrence Gardens at Lahore: Ambala and Rawalpindi have retired Forest Rangers; and the Superintendents at Amritsar, Gujranwala, and Karnal have studied at the Lyallpur Agricultural College. The value of supervision is well exemplified in the Lahore Municipality where only 100 out of 4,910 plants are reported to have failed, and where the general appearance of the roads and public gardens has been greatly improved in recent years by judicious fellings and the plantation of a large variety of graceful trees. The example of Lahore is commended to the other large municipalities, few of which make adequate use of the facilities provided by canal extensions, tube-wells, etc., for extending arboriculture.

4. The figures in the report regarding areas under the management of the Irrigation Department are somewhat difficult to follow. But the most striking feature is the high percentage of failure. While 870 miles of canal banks and roads were successfully planted during the triennium, 285 miles failed, giving a percentage of failure nearly double that of the previous triennium. Similarly in plantations under the management of the department there has been an increase of 3,349 acres successfully planted, but failures totalled 1,463, a percentage of 43·7 as against 40·23 in the previous period. Many failures are attributed to bad soil, but the Lieutenant-Governor is unable to accept this as an adequate explanation. The financial results are slightly better than in the previous triennium, expenditure having declined by some Rs. 55,000 and receipts risen by Rs. 10,000. But only 6 canal divisions out of 41 have hitherto earned a surplus, including only one each on the two oldest canals in the Province, the Upper Bari Doab and Western Jumna. The explanation of these disappointing results and the remedy suggested are discussed below.

5. The Buildings and Roads Branch of the Public Works Department planted 106·28 miles of new avenues, and of a total length of 963 miles suitable for tree-planting 840 have now been satisfactorily stocked. There has been a slight decrease in revenue and a large increase in expenditure, the final deficit being Rs. 1,48,848 as against Rs. 40,805 in the previous period. But the Lieutenant-Governor is glad to notice the increased attention which roadside arboriculture is receiving, and he considers the progress made during the last two favourable monsoons is decidedly encouraging.

6. The following extract from a note recorded by the Lieutenant-Governor in August 1917 may suitably be reproduced here :—

Both the Irrigation and Roads and Buildings Branches have done much and are still doing a good deal to provide avenues along the main roads and canals. But their object is primarily to provide shade rather than to work the land available to the best economic advantage from the forest standpoint. They, in fact, have not and do not profess to have the expert knowledge or the trained establishment necessary for the latter. Hence, though we find many splendid avenues of trees in places along the main canals and the great Government roads, we also find—

(i) that arboriculture is not seriously attempted where conditions are not favourable for initial success, *e.g.* (*a*) most of the Grand Trunk Road from Shahdara to Hasan Abdal and considerable sections between Ludhiana and Karnal, (*b*) sections of the canals where the soil shows signs of *Kallar* ;

(*ii*) that even where arboriculture is seriously undertaken the areas available are not fully utilised. Often only a single line of trees is grown along a canal bank, or a line on each side of a main road to provide shade whereas there is space for several rows of trees in the background ;

(*iii*) that arboriculture has not been carried out on scientific lines, *e.g.*, (*a*) kikar is planted where more valuable trees such as shisham, tun, mangoes, etc., would succeed, or (*b*) shisham, tun, &c., are attempted in dry or sterile soils only suited for kikar, or (*c*) the mulberry, which is a useful economic asset in places with good rainfall—Gurdaspur, Amritsar, Ludhiana, Ambala, &c.—is not attempted at all ;

(*iv*) that a general and serious defect is that where a good avenue has developed, it is allowed to go on till the trees decay, whereas expert supervision would secure that they were cut and sold while still in their prime and that young trees were planted in time to take their place.

Other instances of defective working might be added. For these the Public Works Department is not to be seriously taken to task as arboriculture is with them only a bye-product. But it is evident that in the areas mentioned, which must amount to many tens of thousands of acres, we have an asset of enormous potential value, and that in the interests both of Government and of the public we should not delay to develop it on sound lines.

The only sound line is to treat those areas on correct scientific principles of forestry, and this is only possible if the areas in question as far as their arboriculture is concerned are made over to the Forest Department with necessary safeguards for the Irrigation and Roads and Buildings interests involved.

His Honour's suggestion was considered by a committee consisting of the three Chief Engineers, the Revenue Secretary and the Conservator of Forests. The Committee, while agreeing that arboriculture on roads and canal banks would be more successful if controlled by Forest experts, were of opinion that instead of handing over the areas in question to the Forest Department, it would be preferable to provide the Public Works Department with the necessary expert establishment. With a view to determining the strength of that establishment, and to secure the benefit of the Conservator's advice on the technical aspect of the problem, further information is being collected regarding the areas and natural advantages, *e.g.*, proximity to markets and railways, of all avenues and plantations now managed by both branches of the Public Works Department. This should shortly be completed, and His Honour hopes that practical proposals will be submitted to him at an early date.

7. The first two years of the triennium had a short monsoon, and the last two years a failure of the winter rains. But considering these adverse influences the results were not unsatisfactory. It is true that the improvement in avenues under all kinds of management has not been maintained : and that the percentage of failures has risen from 19·1 to 25·9. Moreover, while revenue has risen from Rs. 14,47,812 to Rs. 15,41,656, expenditure increased from Rs. 22,58,770 to Rs. 24,83,983, and the final deficit was thus Rs. 9,42,327 as against Rs. 8,10,958 in the last period. These results are, however, partly due to the climatic conditions referred to, and also to the fact that as operations extend to less favoured localities the cost and the risk of failure tend to increase. Local bodies would do well to remember in selecting areas for tree-planting that the value of timber depends chiefly on the nearness of markets and facilities for transport, and that improvement in communications should, therefore, mean an increased income from arboriculture. Insufficient attention too seems to have been given in some places to the selection of suitable species and suitable soils. In this connexion His Honour would draw attention to the recent publication of a vernacular version of Messrs. Casson and Mustoe's valuable hand-book, copies of which should be widely circulated to schools and local bodies, and hopes that it will stimulate a practical interest in the subject. The Lieutenant-Governor has been glad to see that in some Government and Board Schools, notably the Government High School at Lyallpur, the teachers have encourged the planting of trees and shrubs by their pupils in the land attached to the school; but very much more could be done in this direction.

ORDER.—Ordered that the above remarks be printed and circulated with the report as usual; also that they be published in the *Punjab Government Gazette* and forwarded to the Secretary to Government, Punjab, Public Works Department, Buildings and Roads Branch, the Chief Engineer, Irrigation Works, Punjab, the Conservator of Forests, Punjab, and all Commissioners of Divisions in the Punjab.

By order of His Honour the Lieutenant-Governor, Punjab,

H. D. CRAIK,

Revenue Secretary to Government, Punjab.

2418 PGG—615—22-2-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 4 LAHORE, FRIDAY, MARCH 1, 1918.

PART II.

GENERAL.

REVIEW OF THE ANNUAL REPORT ON THE DEPARTMENT OF LAND RECORDS FOR THE YEAR 1916-17.

THE following letter is published for general information :—

No. 4377 (Rev. & Agri.—Rev.) dated Lahore, 26th February 1918.

From—The Hon'ble Mr. H. D. CRAIK, I.C.S., Revenue Secretary to Government, Punjab,

To—The Senior Secretary to the Financial Commissioners, Punjab.

I AM directed to acknowledge the receipt of the annual report on the Department of Land Records for the year 1916-17 which was submitted with your letter No. 491-54-E., dated 21st January 1918.

2. The decrease in the number of patwari candidates accepted during the year need not cause anxiety : if it is not purely fortuitous, it is probably due to the general demand for labour and rise in wages, which have recently made recruitment for other Government Departments difficult. It is satisfactory that 69 per cent. of these new candidates belong to agricultural tribes : the percentage has been practically unaltered for the last three years, and as facilities for education in rural areas improve there is every prospect of its rising in the near future. The Lieutenant-Governor notices, however, that the percentage was less than 50 per cent. in four districts, and hopes that more care will be taken in future to see that this minimum is duly observed.

3. The work of patwaris is reported to have been good in spite of the fact that in many districts the patwaris as well as the supervising officers have had to give much time to work arising in connection with the war. The experiment made in the Lyallpur district and Lower Jhelum Colony of partially amalgamating the work of revenue and canal patwaris has not reached a conclusive stage, and the Financial Commissioner's final opinion will be awaited with interest. His Honour agrees with Mr. Fagan that it is not necessary at present to consider the proposal of the Deputy Commissioner of Sialkot, that patwaris' shares of mutation fees should be pooled, but the Financial Commissioner has undertaken to examine the suggestion in connection with the revision of patwaris' pay, a measure which, the Lieutenant-Governor concurs, cannot long be deferred. Indeed there is no reason why the proposals should not be worked up now so that they may be sanctioned and introduced when the present financial restrictions are removed.

4. His Honour is glad to learn that the complicated rules regarding the appointment of kanungos are undergoing revision, and will give his sympathetic consideration to the proposals shortly to be submitted for improving their status and prospects, which have been adversely affected in recent years by the reduction in the number of settlements. Meanwhile he thinks more might be done towards promoting kanungos to appointments on district or provincial establishments for which they are qualified by training and experience.

5. It is a matter for satisfaction that in spite of local exceptions the efficiency of the record agency is again reported to be generally improving. The increase in the pending file of mutations and partitions, however, indicates that special efforts will be necessary to make up arrears when conditions are again normal. His Honour is glad to see that the rules regarding the preparation of "tatimma shajras" are generally followed, as their accuracy should mean a great saving of time when the field map as a whole comes to be revised at Settlement. In last year's review he had occasion to emphasise the importance of keeping records up to date between Settlements, and he therefore records his appreciation of the efforts of those Revenue Officers who in spite of the extra burden thrown on them by recruiting and other work connected with the war have managed to find time for this important branch of district administration.

The Director's remarks on mutation work are interesting, and his doubts regarding the necessity of the present elaborate procedure must be shared by many hard-worked Revenue Officers. His Honour would be glad to receive any suggestions that he is prepared to make in this connection.

6. The Lieutenant-Governor takes the opportunity of thanking Mr. Boyd for his energetic and successful administration of the department. Khan Bahadur Sheikh Rahim Bakhsh has entered on his duties with zeal and has written an interesting and suggestive report.

H. D. CRAIK,

Revenue Secretary to Government, Punjab.

2465 PGG—C:5—1-3-18—SGPP Lah re.

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PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 5 LAHORE, FRIDAY, MARCH 15, 1918.

PART II.

GENERAL.

REVIEW OF THE ANNUAL REPORT ON THE PUNJAB COLONIES FOR THE YEAR ENDING 30TH SEPTEMBER 1917.

Proceedings of His Honour the Lieutenant-Governor, Punjab, in the Department of Revenue and Agriculture (Irrigation), No. 5589, *dated 9th March* 1918.

READ—

Letter No. 251—325-L.-16, dated 25th January 1918, from the Junior Secretary to the Financial Commissioners, Punjab, submitting, with the Financial Commissioners' remarks, the annual report on the Punjab Colonies for the year ending 30th September 1917.

REMARKS.—The agricultural conditions of the year were on the whole fairly favourable in the Lower Jhelum Colony. The kharif harvest of 1916 was owing to an abundant monsoon much better than its predecessor, and though the winter rainfall of 1916-17 was deficient and the canal supply restricted, the area of rabi sowings exceeded 395,000 acres and only 5 per cent. of this failed. The outturn of grain and straw was not up to the average, but the deficiency was more than made good by the exceptionally high prices. As the conditions of tenure do not provide for the acquisition of proprietary rights, the administration of this colony has special features from which other colonies are free, and throws a heavy burden of work on the district staff. The Financial Commissioner has recently revived the proposal for the grant of proprietary rights and has suggested that conditional grants under the Crown Grants Act should take the place of tenancies under the Colonies Act. The

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question is being examined by Government but as a somewhat similar proposal was rejected after full consideration so recently as 1914, and in view of the facts that horse-breeding conditions do not materially affect the sale value of tenancies, that there were no confiscations during the year, and that fines amounted to only Rs. 1,350, a change in policy will require strong justification. In other directions steps are being taken to reduce colony work, and to bring the administration of the district into line with that of others. Final orders have not yet been passed on the Deputy Commissioner's proposal to abolish *zakhiradar* grants, but His Honour hopes that with the expert advice of the Forest Department it may be found possible to preserve existing coppices under improved management and to make the best use of this addition to the timber and fuel supply of the colony. It was found to be unnecessary to introduce legislation regarding the management of minors' horse-breeding grants, to which allusion was made in last year's review, and where there has been a breach of conditions insufficient to justify the total resumption of a tenancy under section 24 of the Colonies Act, it has been decided that the Collector has authority under the existing statutory terms to resume it temporarily or in part, and to lease it on terms that will secure the proper observance of horse-breeding conditions.

2. The development of the market towns in this colony is still somewhat slow, even when allowance is made for the fact that each serves a smaller agricultural tract than those of the Lower Chenab area, and that the old system, whereby a share of the sale-proceeds of sites was made available for local improvements has been replaced by grants of a definite amount for the same purpose. The chief problem in all these towns is that of the water-supply; while it is a matter for satisfaction that comprehensive water work schemes are in contemplation, every encouragement should be given to the sinking of wells as an independent source of supply. But water-supply and drainage schemes impose heavy recurring charges on the local body and often necessitate fresh taxation. The terminal tax has now been generally recognised as the most appropriate for colony towns, it is already in force in Sargodha and has recently been sanctioned for Sillanwali, and it may be hoped that its general adoption will greatly facilitate the development of the market towns.

3. The Lieutenant-Governor agrees with the Financial Commissioner that the subject of communications in the colony is one to which insufficient attention has been given and hopes that with the help of the increased grants now provided by Government for the purpose it will be possible to put them in a satisfactory condition. He also endorses the Financial Commissioner's remarks on railway facilities, which apply not only to the Lower Jhelum, but also to the other canal colonies. The Lieutenant-Governor on his recent tour to the Lyallpur market towns heard many complaints of the failure of the Railway authorities to give notice of the withdrawal or modification of transport facilities, and of the inadequate provision of sheds or other protection for goods at most of the large exporting stations In view of the large revenues accruing to the railway from the agricultural produce booked from these stations, some of which export a larger tonnage of wheat than any other place in the Empire, it is discreditable to the administration that huge quantities of grain, *bhusa* and cotton have to remain exposed to the weather often for weeks, and that the holders of large grants, *e.g.*, Major Vanrenen, should have to erect sheds at their own expense. Military requirements doubtless make the subject one of peculiar difficulty at present, but the attention of the Railway authorities has been drawn to it, and Sir Michael O'Dwyer earnestly hopes that a more liberal policy will be adopted at the earliest possible opportunity.

4. The Lieutenant-Governor has read with pleasure the remarks in Mr. Gibson's interesting report regarding the close co-operation between Revenue and Irrigation Officers in all matters affecting the interests of the

colonists, and believes that in other colonies the relations of the two great departments are equally cordial. Government has acknowledged elsewhere the splendid response that the Shahpur colony has made to the call for recruits for the army; in this respect it has shown itself a greater source of strength to Government than its more prosperous neighbour Lyallpur, and the difference is in a large measure due to the inspiring influence and example of the Tiwana Chiefs, as well as of the many retired Indian officers settled in the colony.

5. In the Lower Bari Doab colony the situation has been so greatly altered by the recent soil survey that the figures in Statement I attached to the Colonization Officer's report are now misleading and the form should certainly be altered next year as suggested by Mr. Thomson. The shortage of over 300,000 acres in the culturable area disclosed by the survey has necessitated considerable modifications of the colonization scheme, and special importance therefore attaches to proposals designed to provide land elsewhere, or to bring additional areas under cultivation. The remaining unallotted area on the Lower Jhelum canal should be useful in this connection and the proposal to transfer the Rawalpindi Divisional grantees to it is a good one. But the main hope of making good the deficiency rests on the hydro-electric project and on the late Mr. Barnes' comprehensive scheme for the reclamation of "bara" land: this has now been forwarded to the Government of India and if it is sanctioned it is hoped that a beginning may be made at an early date. Meanwhile, the development of culturable and commanded land has been to some extent hampered by the delay in allotting the large areas reserved for military reward grants and "official" rectangles: financial and engineering considerations make it highly desirable that allotment should proceed as soon as possible, and the Government of India have now sanctioned proposals for the extension of temporary cultivation to these areas. Information has recently been received that a start is about to be made in the allotment of military grants.

6. The result of sales during the year was distinctly satisfactory: 8,570 acres have been sold by auction and 6,172 by private treaty at an average price of Rs. 229 and Rs. 219 per acre, respectively. The auction price is an advance of Rs. 50 per acre on that realised in 1915 and 1916, though it still falls short of the somewhat inflated prices of the first auction in 1914. It will be interesting to see if this high level is maintained at the forthcoming auctions of the present month (March 1918) in spite of the large investments made by capitalists in the war loan.

Apart from the area sold, allotment during the year was practically confined to the recipients of landed gentry grants. Many of these grantees are hard to please and give considerable trouble even after being put in possession, but it must be remembered that the obligation to assist in recruitment renders it difficult for most of them to leave their native districts and to give personal attention to their colony grants. As a class the landed gentry have rendered signal aid to Government during the recent years of stress, and His Honour agrees with Mr. Maynard that it is not necessary rigidly to insist at present on the appointment of a relative as resident manager.

Mr. Thomson's statement that there has been an improvement in the observance of conditions generally is encouraging, and it is satisfactory to see that the total number of peasant rectangles resumed for default was only 158, as compared with 581 in the previous year. A further reduction may be expected in future as the new villages become firmly established and agricultural conditions improve and when the worst grantees have been finally weeded out, there should be no great trouble on this score.

7. The agricultural year in the Lower Bari Doab as elsewhere was a somewhat chequered one. In the kharif of 1916 the percentage of area failed on permanently allotted lands was only 7·2 as against 13·5 in the previous year, and the increase in the cultivation of American cotton is encourag-

ing. The popularity of this crop continues to grow and the figures for kharif 1917—American cotton 81,440 acres and Indian cotton 53,380 acres—are most striking. Though both varieties were damaged by the heavy and untimely rainfall at the end of September, the American cotton came much better out of the ordeal than the Indian. The rabi of 1917 was unfortunately less favourable, the percentage of failure being 13 as against 11·6 in the previous year, as the supply in the canal was insufficient to redress the failure of the winter rains. The growing popularity of Punjab-11 wheat is a hopeful sign and the distribution of 9,000 maunds for the sowing of the coming rabi does credit to the efforts of the Agricultural Department and the good sense of the colonists.

8. The new market towns in the colony promise well: the number of sites of different kinds sold in each of these during the year and the high prices realised indicate the confidence of the public in the prosperity of the colony. Competition was keenest at Mian Channun, where an average of Rs. 2,020 was realised for a bazar site and Rs. 1,741 for a mandi shop. Only Jahanian seems to be at a standstill, but this place will doubtless develop as the cultivation of the southern portion of the colony advances. Khanewal should also increase in importance now that the Government buildings are practically complete. The constitution of the new tahsil is about to be notified.

The new ginning factories at Mian Channun and Okara have been built in accordance with plans approved by the Agricultural Department; in future it will be a condition of the sale of factory sites that the plans must be submitted to the Director of Agriculture for approval; this should be of great value in preventing the mixture of different varieties and so securing better prices for the cotton of the colony.

9. The provision of roads appears to be hardly keeping pace with the general development of the colony, especially in the Montgomery District. It is to be hoped that the substantial grants sanctioned by Government for the purpose will result in considerable improvement during the next financial year. Special grants have been made for the metalling of the Dipalpur-Okara and Pakpattan-Montgomery roads, which give access to the country formerly served by the now dismantled Sutlej Valley Railway.

As remarked in last year's review, roadside arboriculture demands more attention throughout the colony, and Government will be prepared to consider favourably any proposals that may be submitted for the appointment of expert arboricultural assistants to the colonization officer.

10. The Lieutenant-Governor has read with interest the observations in Mr. Maynard's excellent review regarding financial difficulties connected with the development of the colony: the suggestion that a regular colonies budget embracing all expenditure on communications, arboriculture, town works, schools, hospitals, etc., should be prepared by the Financial Commissioner will be carefully examined if detailed proposals are submitted. *Primâ facie* it should facilitate a systematic and comprehensive financial policy and should put an end to the present inconvenient system of piecemeal proposals. His Honour also concurs in the view that other departments, such as the police, the post office and the railway, ought to make more systematic provision for the rapidly increasing demands of the colonies; there can be no doubt that too little trouble has been taken to foresee them in the past, and the proposal that at an early stage of operations representatives of the chief departments should meet and consider the lines on which development is likely, is one which should not be overlooked when the next colony scheme is being elaborated.

Mr. Thomson's report is full of interest and His Honour fully endorses the appreciative remarks of the Commissioner and Financial Commissioner upon his work.

11. In last year's review the Upper Chenab was styled the Cinderella of the canal colonies. It had been handicapped by initial mistakes and irrigation difficulties, but it is hoped that the revised conditions regarding grants of kharif-irrigated land have now put matters on a sound basis. It is understood that the size of these grants has now in all cases been increased to at least two rectangles. This change appears to have been carried out by Mr. Salusbury with the minimum of friction though his report does not make it clear how many grants were resumed for failure to reside. The colony is still defective in village sites and communications and the excessive rains last autumn retarded improvements in these and other respects.

Some 20,000 acres are still unallotted in the Sharakpur tahsil and it is evident that this part of the colony must receive special attention for some time. In the Jaranwala tahsil allotment has been practically completed by the distribution of 1,695 acres in compensatory grants to Ravi zamindars, and the southern portion of the colony may be expected to settle down rapidly. Conditions will not however be quite satisfactory till the colony, which is now spread over two districts, is brought into the new Sheikhupura district the proposals for which are under the consideration of the Government of India.

Shortage of water is reported to be responsible for the failure of the rabi crop—nearly half is entered as failed in permanently allotted areas in the Sharakpur tahsil—but efforts are being made to extend perennial irrigation and an important kharif distributary has been adapted to a rabi supply. In the kharif rice, for which the soil is well suited, is by far the most important crop; and the contemplated establishment of an experimental farm at Kala Shah Kaku should stimulate its cultivation and improve its quality. The stiffness of the Sharakpur soil is again noticed, and the Irrigation authorities should give due consideration to this in determining the distribution of canal water between the canals fed by the triple project. The question of the cold weather distribution of the supply of the triple canal system is mainly a technical one, but it is one of such importance that the Financial Commissioners should be consulted by the Chief Engineer before a decision is come to.

12. In the small Upper Jhelum colony some 32,000 acres out of the total area of 43,000 available have been allotted, and of the balance only 7,000 acres are commanded by flow. But less than a quarter of the allotted area has so far come under cultivation, as irrigation arrangements had not been completed. The delay is regrettable and some further explanation might well have been given in the report. The remarks of the Financial Commissioner regarding the inadequacy of Police arrangements suggest that an excessive regard for departmental routine has retarded the settlement of this important question. The improvement of communications too seems to have been unduly delayed, and special efforts should be made to make up for lost time. The construction of a market at Baha-ud-Din would appear to be an urgent necessity, and in spite of the non-observance of clear regulations Government will do what is possible to provide the necessary funds when a formal application is received.

ORDER.—Ordered that the above remarks be printed and circulated with the report: also that they be published in the *Punjab Gazette*, be communicated to the Financial Commissioners, the Chief Engineer, Irrigation Works, Punjab, the Agent, North-Western Railway, the Inspector-General of Police, and forwarded to the Government of India, Department of Revenue and Agriculture, with the usual number of copies of the report.

By order of His Honour the Lieutenant-Governor, Punjab,

H. D. CRAIK,

Revenue Secretary to Government, Punjab.

2579 PGG—615—14-3-18—SGPP Lahore.

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No. 6 LAHORE, FRIDAY, MARCH 29, 1918.

PART II.

GENERAL.

REVIEW OF THE RESULTS OF RECRUITING IN THE PUNJAB DURING THE YEAR 1917.

Proceedings of His Honour the Lieutenant-Governor of the Punjab in the Home—Military Department, No. 7156, dated 26th March 1918.

REMARKS :—Before the outbreak of war the proportion of the Indian Army recruited within the Province was over 50 per cent. : that ratio has not only been maintained but even increased throughout the 3½ years during which the present conflict has been waged. From the first the Punjab proved alive to the wider responsibilities entailed by the war and as far back as April 1915 the Lieutenant-Governor was able to express his appreciation of the recruiting results obtained since the outbreak of hostilities. Those results were steadily maintained throughout 1915 and 1916 especially in the many districts which have long had a close connection with the army ; but it was not until the beginning of 1917 that it was decided by the Government of India to adopt radical alterations in the system of recruiting which, though well suited for the limited requirements of an Army maintained to protect the land frontiers of India, was inadequate to meet the wastage of a prolonged war and the demands of an Army largely expanded and actively engaged with the enemy in three continents.

2. The main innovation introduced into the recruiting organization was the abolition of the class recruiting system conducted by military officers and its replacement by a scheme of localised or territorial recruiting. Under the superseded system four recruiting officers with the requisite

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subordinate staffs were stationed at the centres most convenient for the recruitment of Punjabi Muhammadans, Sikhs, Dogras and Jats which was entirely effected by recruiting parties sent out from regiments. On the outbreak of war these recruiting officers were compelled to rely largely on the assistance of civil officers in meeting the increased demands. But the difficulties experienced in maintaining close touch with numerous civil officers and with the widely-scattered classes whose enlistment the recruiting officers supervised led to the abandonment of this system in favour of the territorial scheme. The main features of the latter are the co-ordination of all recruiting agencies in a given area, the intimate association of civil and military officers and the provision of special officers for particular areas or for particular needs. Recruiting officers are appointed to definite areas (which correspond in the Punjab with those of the civil divisions and districts), and are made responsible for all enlistments effected within their spheres, irrespective of the class or tribe to which the recruit may belong. This system, which the Lieutenant-Governor had long advocated, was introduced in February 1917: and following on the constitution by the Government of India of a Central Recruiting Board for all India in June last a Provincial Recruiting Board was formed in July, with the Lieutenant-Governor as President. The other members who were invited to join the Board included a Financial Commissioner, the Commissioners of Divisions, the Additional Secretary to Government, the Divisional Recruiting Officers and a number of the leading gentlemen of the Province* who had successfully exerted their influence in organising and promoting recruitment for the combatant and non-combatant ranks of the Army. This Provincial Recruiting Board has held several meetings for the discussion and solution of the numerous recruiting problems which have arisen, and is in close touch with the Central Board. The minutes of its proceedings have been recorded at length and circulated to all district officers with the object of keeping them in touch with the latest developments and with the policy which is to be pursued.

* The Hon'ble Sardar Bahadur Gijjan Singh of Ludhiana.
The Hon'ble Khan Bahadur Malik Muhammad Amin Khan of Shamasabad.
The Hon'ble Rai Bahadur Chaudhri Lal Chand of Rohtak.
The Hon'ble Khan Bahadur Sayid Mehdi Shah of Gojra.
Major Malik Sir Umar Hayat Khan, Tiwana, M.V.O., K.C.I.E., of Kalra.
Sardar Raghbhir Singh, Sindhanwala, of Raja Sansi.

3. In discussing the statistics of results achieved during the year 1917 under review a difficulty at once presents itself. The Local Government is supplied monthly with two sets of returns. Those furnished by the Central Recruiting Board give merely Provincial totals of the enlistments in the various branches of the Army. These totals are based on accurate data and are complete. The returns submitted by the Divisional Recruiting Officers present by districts, divisions and Native States all enrolments which have been effected through these officers and such other enrolments, registered directly at the head-quarters of units and depôts, as are reported to them. In the earlier months of the year direct enrolments, which are especially numerous in the Rawalpindi Division, were not supplied at all to these officers and even now are not fully reported. This is particularly the case with enlistments in Native States: but the steady improvement in the accuracy of the Divisional returns is illustrated by the progressive reduction of the discrepancy which still exists between them and the totals of the Central Recruiting Board from a shortage of nearly 5,000 in July to 500 only in December.

For the first six months of the year, then, the only available statistics, supplied by the Divisional Recruiting Officers, which give a total of 27,930 recruits of all ranks, are incomplete and represent less than the actual enlistments. For the second half-year we have the accurate returns of the Central Recruiting Board which give an aggregate of 76,356.

The above figures give a grand total of 104,286 recruits of all ranks for 1917—a total which, as explained above, is below the actual numbers enlist-

ed, but which exceeds the returns for the year of the Divisional Recruiting Officers by 12,837 or over 14 per cent.

4. Subject to these remarks and taking the statistics presented in the Appendix which is compiled from the returns of the Divisional Recruiting Officers, it may be noted that under the old class system of recruiting enlistments at the beginning of 1917 had begun to show a decline. With the initiation of the new system the tide at once turned; and as the organisation was perfected, enrolments have shown a remarkable improvement. These results have been attained despite certain restrictions which it was found imperative to impose on non-combatant recruiting. Early in 1917 it was decided that a veto should be placed on recruiting in the Punjab for the various Labour Corps despatched to Europe, while later in the year, for economic and agricultural reasons, the enlistment of all non-combatants, except regimental followers, in the Rawalpindi and Ambala Divisions was entirely prohibited: and, generally, recruitment of menial classes on whom the rural population largely depend for manual labour has been discouraged. Of the 91,449 recruits registered no less than 76,142, or 83 per cent. were combatants, leaving 15,307 or only 17 per cent. as non-combatants.

5. A reference to the returns by Civil Divisions discloses the following figures: –

Division.	Total of combatants recruited in 1917.	Total of combatants and non-combatants recruited in 1917.	Making on the total estimated men serving in the Army on the 31st December 1917 a proportion to the total enlistable population of one in
Rawalpindi	22,539	24,783	6
Ambala	20,242	23,735	14
Lahore	12,496	17,528	19
Jullundur	11,875	14,761	14
Multan	2,217	2,836	110

6. *Rawalpindi Division.*—The magnificent results of the Rawalpindi Division are eloquent of the spirit of the people. This division had, since the outbreak of war, been steadily drawn upon; and when the year 1917 began claimed credit for no less than 58,020 men serving in the Army. It is, pre-eminently, the home of the Punjabi Muhammadan—a race whose clans Awans, Ghakkars, Ghebas, Janjuas and Tiwanas and numerous others—are welcomed in the best regiments of the Indian Army. No less than 91 per cent. of its enrolments during the year were into the combatant ranks. In four out of the six districts of this division enlistment in the Army has long been a point of honour with the people: and it is computed that in the Rawalpindi and Jhelum Districts one man in every four of military age has taken his place in the ranks. Jhelum secures first place for combatants, not only in the Province but in the whole of India; while Rawalpindi, which has the largest aggregate number of men in the Army, stands second. Attock, Gujrat and Shahpur have all over 4,000 recruits to their credit. The first two districts have furnished a steady and constant supply of splendid material. Shahpur though slow in awakening has made great strides forward taken

during the last six months, largely under the personal stimulus of the Tiwana Chiefs, and out of an aggregate of 4,040 recruits no less than 3,259 were enlisted during this period. The weak spot in this division has been and still is the backward and remote district of Mianwali whose contribution fell short of even one thousand. And yet here too there are signs of awakening which promise well for the present year.

Ambala Division.—This division began the year with 27,129 men in the Army—a figure which it had nearly doubled at the end of December. These results are mainly due to the efforts of the Rohtak, Gurgaon and Hissar Districts, which hold respectively the proud positions of first, second and third in the Province and in all India for the total numbers of enlistments during the year; and of third, fourth and sixth for the proportion of the male population of military age who have joined the colours in 1917. There is nothing more remarkable in the annals of Indian recruiting than the sustained ardour and enthusiasm which have been displayed by the great Jat clans of the South-East Punjab. The sturdy Ahirs of Gurgaon have as fine a record of devoted patriotism, and have been closely emulated by the Gaur Brahmins of the South-East, a clan which, with no recent martial traditions, has made a name for itself by its splendid rally to the call to arms. The Muhammadan Rajputs of Rohtak, Hissar and Gurgaon have again given signal proof of their loyal and martial traditions, and the other Muhammadan tribes, Meos, Jats, Pachadas, etc., of those districts, are now beginning to follow the example set by their Rajput brethren. Karnal and Ambala despite their long military history have lagged far behind their neighbours and leaving aside the Multan Division, Ambala remains at the bottom of the list if regard be had to the numbers of their enlistable population. There are hopeful signs of improvement in Ambala, but Karnal's promise in September of steady advance has lately been entirely falsified, and if the district is not to be put to shame by it neighbours it must take prompt and energetic measures to retrieve its good name.

Jullundur Division.—At the end of 1916 the Jullundur Division had nearly 3,000 more men with the colours than the Ambala Division: but at the close of 1917 the position had been exactly reversed notwithstanding the greater resources of population which Jullundur possesses. Hoshiarpur, thanks to the patriotic loyalty of the Sikhs and Hindu Rajputs, stands foremost in the Division, closely approached by the great Sikh district of Ferozepore which has made most conspicuous progress during the last few months of the year. A recent feature of the good work done in this district is the hearty response made by the Baurias—a tribe of fine physique which in the past was notorious for its criminal proclivities but is now anxious to redeem its reputation by honourable service. Ludhiana has long held a most distinguished military record and with Ferozepore is the recruiting ground of the famous Sikh regiments whose heroism in the various theatres of the war has won for them undying fame. Ludhiana is easily first in the Division and shares with Gujrat the distinction of being fifth in the Province in respect of the proportion of men of fighting age enlisted. Jullundur, though it started the year 1917 with over 5,000 men in the Army, has yielded but moderate results in the year's recruiting largely, perhaps, because of the absence of influential leaders. In numbers enrolled during the year Kangra stands lowest in the Division, although the gallant and martial Dogras have manfully borne more than their share of the burden. There is excellent fighting material among the Muhammadan tribes of this Division, but their classification in the military returns as Hindustani Muhammadans and their enrolment in down country regiments have in the past made military service unpopular. Those artificial distinctions have now been removed and the Muhammadan Jats, Gujars, Arains and Rajputs are coming forward much more freely.

Lahore Division.—In the Lahore Division Amritsar, the religious and historical capital of the Sikhs, has been true to its splendid traditions of loyalty to the Crown and of upholding the honour of the Khalsa. Only three other districts have a greater number of men in the Army or have raised a larger contingent of recruits during the past year. Of the other districts of the Division Gurdaspur alone has exceeded 4,000 in the numbers of enlistments in 1917. The Jats, Rajputs, and Sainis, in particular, have readily responded to the Empire's call. The records of Lahore and Gujranwala for the whole year are poor: but in both cases the influences brought to bear by the territorial system have begun to yield fruitful results. Of the total recruits enlisted in Lahore and Gujranwala in 1917 approximately 80 per cent. were obtained in the latter half of the year. In Gujranwala as the result of improved organisation over 1,000 men were enlisted in the single month of December and the new year has yielded even more generous results, thanks to the arousing of the great Musalman and Sikh tribes of the district. Sialkot still stands lowest in the Lahore Division with only 2,075 recruits for the year. The people suffer from the want of established military connections and a lack of influential leaders, but a vigorous local propaganda is now yielding better results and the recent figures for Sialkot are better than those for Lahore which has still to justify its position as the most populous and the capital district of the Province.

Multan Division.—The Multan Division comes last by a long interval in the order of precedence. It would be difficult to find a more vivid contrast than is presented by the figures for the neighbouring divisions of Rawalpindi and Multan. In both the rural population is almost exclusively Muhammadan, but while at the end of 1917 Rawalpindi has furnished one in 6 of the men of fighting age to the army, Multan had given only one in 110, and over one-half of these were from the single district of Lyallpur. But even Lyallpur (though the Indian Christians have shown a fine example to other colonists), can show no results comparable to those obtained in Shahpur where the sister colony endowed with far smaller resources is situated. During the greater part of the year strenuous endeavours have been made to afford the Muhammadan tribes of the South-West Punjab an opportunity of enrolling themselves in special class companies, but the task has been an uphill one and so far only partially successful. Montgomery has with difficulty supplied over 1,000 men; but the prominent tribes from whom a practical display of loyalty was to be expected have deliberately stood aloof. Multan, with its broad acres and numerous population, has the unenviable distinction of having supplied fewer combatants to the Army than any other district of the Province, while the numbers recruited in Muzaffargarh and Jhang are insignificant and unworthy of the Punjab. What can be done by stout-hearted tribes men is illustrated by the record of two small tribes in Jhang whose past record is none too clean, but who have now seized the opportunity of winning a good name for themselves by the zeal with which they have taken up arms. Across the Indus in the district of Dera Ghazi Khan the home-loving prejudices of the Baluches and other local tribes had proved an equally strong impediment to successful recruiting operations. But the last few months of the year have witnessed some awakening of the martial spirit throughout the division, and though results comparable to those of other divisions cannot be anticipated, there is hope that the corner has been turned and that progress will now be appreciable.

7. The review of the results of the past year would be incomplete if it did not allude to the splendid co-operation of the Native States. The signal services rendered by the Imperial Service Troops of Patiala, Bahawalpur, Jind, Kapurthala, Faridkot, Maler Kotla and Sirmur in the various theatres of war have been recognised by the Generals Commanding and by His Excellency the Viceroy: but the maintenance of these fine units is by no means the

only contribution of these States to the man-power of the Empire. The Rulers in these and the other Punjab States have warmly responded to the invitation to re-organize recruitment for the Indian Army. The year closed with an aggregate of over 7,800 recorded enlistments of which 2,800 stand to the credit of Patiala : the military importance of which has been recognised by the appointment of His Highness the Maharaja as a member of the Central Recruiting Board. Kapurthala, out of a population less than one-fifth that of Patiala raised nearly 1,500 ; Jind with the same population as Kapurthala furnished some 1,300 and Nabha with a population slightly less enrolled over 1,000 recruits. All of those States may confidently be expected to do even better in the present year. Of the States with smaller population Faridkot, Maler Kotla and Bilaspur have done best in proportion to their numbers. The returns which have been included in the Appendix to this resolution are, as remarked above, in the case of the Native States not as complete as for British districts : but are in His Honour's opinion a clear index of the spirit that is animating one and all to make the sacrifices which the great conflict demands from all quarters of the Empire.

8. Finally, to the civil and military officers and to those gentlemen who have co-operated so whole heartedly with the great bulk of the people of the Province in making the appeal for men for the Army a triumphant and splendid success, a warm tribute of praise is due. In a Province which justly prides itself on the close relations of mutual confidence subsisting between district officers and the people no more convincing proof of the personal influence of those officers could be adduced than the recruiting results obtained, whether in districts with long standing military traditions or in districts where it was necessary to arouse the dormant martial spirit. The Lieutenant-Governor is satisfied that both the people and the officers, civil and military, who are engaged on this great task of imperial importance will continue strenuously to co-operate in maintaining that proud pre-eminence among the Provinces of India which the Punjab has achieved during the past year.

ORDER.—Ordered that the above remarks be published in the *Punjab Gazette*, be communicated to Commissioners, Deputy Commissioners and the Political Agents, Phulkian States and Bahawalpur Agency, the Divisional Recruiting Officers, Delhi, Jullundur, Lahore and Rawalpindi, and the members of the Provincial Recruiting Board, and a copy be forwarded to the Adjutant-General in India and the Secretary, Central Recruiting Board, for information.

By order of His Honour the Lieutenant-Governor of the Punjab.

L. FRENCH,

Additional Secretary to Government, Punjab.

APPENDIX.

Return of the enlistments in the Punjab for the Indian Army as registered by the Divisional Recruiting Officers in 1917.

District.	Male population between 18 and 35.	Combatant recruits raised during the year.	Proportion of enlistable population. One in—	Place in Provincial List according to figures in column 3.	Total number of recruits raised during the year.	Proportion of enlistable population. One in—	Place in Provincial List according to figures in column 6.	Estimated number of men in the Army on 31st December 1917.	Proportion of enlistable population. One in—	Place in Provincial List according to figures in column 9.
1	2	3	4	5	6	7	8	9	10	11
Hissar	134,000	5,432	25	2	6,027	22	3	11,744	11	8
Rohtak	118,170	5,292	22	4	6,675	18	1	17,065	7	3
Gurgaon	124,290	5,406	23	3	6,284	20	2	12,644	10	6
Karnál	134,200	1,730	77	16	2,098	64	17	3,141	42	20
Ambála	120,800	1,329	91	20	1,471	82	21	4,325	27	19
Simla and Simla Hill States	72,500	1,053	69	28	1,175	62	28	1,935	37	28
Total for the Ambála Division ...	631,400	20,242	35	2	23,725	30	2	50,854	14	2
Kángra	123,000	1,606	77	18	1,876	62	19	9,223	13	11
Hoshiárpur	153,000	3,131	49	10	3,936	39	11	12,226	12	7
Jullundur	138,000	1,640	84	17	2,399	57	16	7,743	19	14
Ludhiána	90,000	2,552	35	13	2,952	30	13	11,190	8	10
Ferozepore	165,000	2,946	56	11	3,598	46	12	7,415	22	15
Total for the Jullundur Division ...	669,000	11,875	56	4	14,761	45	4	47,797	14	3
Lahore	152,500	1,988	92	15	2,711	67	14	5,742	31	17
Amritsar	152,300	4,160	37	6	5,939	25	4	14,800	10	4
Gurdáspur	143,900	2,604	55	12	4,110	35	8	8,776	16	12
Siálkot	166,000	1,578	105	19	2,075	80	18	7,108	23	16
Gujránwála	158,000	2,166	73	14	2,663	59	15	5,473	28	18
Total for the Lahore Division ...	802,700	12,495	64	3	17,528	46	3	41,899	19	4

Recruiting Return for 1917—concluded.

District	Male population between 18 and 35.	Combatant recruits raised during the year.	Proportion of enlistable population. One in—	Place in Provincial List.	Total number of recruits raised during the year.	Proportion of enlistable population. One in—	Place in Provincial List.	Estimated number of men in the Army on 31st December 1917.	Proposition enlistable population. One in—	Place in Provincial List.
1	2	3	4	5	6	7	8	9	10	11
Gujrát	122,000	3,728	33	8	4,092	30	9	13,918	8	5
Shahpur	115,000	3,650	32	9	4,040	28	10	8,269	14	18
Jhelum	82,300	5,562	15	1	5,877	14	5	21,832	[illegible]	2
Ráwalpindi	90,400	4,997	18	5	5,615	16	6	24,583	4	1
Attock	83,700	3,799	22	7	4,281	20	7	11,251	7	9
Miánwáli	55,600	803	69	22	878	63	22	2,950	18	21
Total for the Ráwalpindi Division ...	549,000	22,539	24	1	24,783	22	1	82,803	6	1
Montgomery	89,000	292	304	24	297	300	24	1,014	87	23
Lyallpur...	149,000	913	163	21	1,493	100	20	2,790	54	22
Jhang	85,000	221	385	26	222	383	26	366	232	27
Multán	136,400	158	863	27	168	812	27	759	177	24
Muzaffargarh	94,500	256	369	25	278	339	25	387	246	26
Dera Gházi Khan	88,500	377	235	23	378	234	23	418	211	25
Total for the Multán Division ...	642,400	2,217	290	5	2,836	227	5	5,734	110	5
Total for British Districts ...	3,367,060	68,369	49	...	83,643	40	...	229,087	14	...
NATIVE STATES.										
Patiála	243,000	2,563	95	...	2,809	86	...	10,269	23	...
Bahawalpur	131,900	96	1,582	...	119	1,108	...	182	724	...

Kapurthala	46,000	1,112	42	...	1,465	32		1,811	24	...
Jind	45,900	1,103	41	...	1,290	36	...	3,466	13	...
Nábha	42,700	901	47	...	1,003	43	...	2,889	14	...
Mandi	28,700	69	387	...	69	387	...	69	387	...
Sirmúr	23,300	10	2,338	...	10	2,330	...	10	2,330	...
Farídkot	22,600	377	60	..	432	52	...	702	32	...
Chamba	21,600	28	771	...	32	675	...	49	440	...
Máler Kotla	12,400	307	40	...	338	36	...	627	20	...
Kalsia	9,600	48	200	...	58	183	...	53	183	...
Suket	8,900	38	234	...	43	219	...	43	219	..
Dujána	4,100	7	585	...	8	512	...	8	512	..
Pataudi...	3,100	50	62	...	50	62	...	50	62	...
Lohárn	3,060	64	48	...	85	36	...	89	35	...
Total for Native States ...	646,860	6,773	96	...	7,806	83	...	20,317	31	...
Grand Totals for the whole Punjab.	4,013,920	76,142	53	...	91,449	44	...	249,404	16	...

L. FRENCH,

Additional Secretary to Government, Punjab

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PART II.

GENERAL.

REVIEW OF THE ANNUAL REPORT ON THE LAND REVENUE ADMINISTRATION OF THE PUNJAB FOR THE YEAR ENDING 30TH SEPTEMBER 1917.

Proceedings of His Honour the Lieutenant-Governor of the Punjab in the Department of Revenue and Agriculture—(Revenue), No. 7979, dated 6th April 1918.

READ—

The Annual Report on the Land Revenue Administration of the Punjab for the year ending 30th September 1917, forwarded with letter No. 491—53-1-2, dated 9th March 1918 from the Senior Secretary to the Financial Commissioners, Punjab.

REMARKS.—The five years ending September 1917 witnessed the separation of the Delhi province from the Punjab and the completion of the great triple project by the opening of the Lower Bari Doab canal in 1914 and the Upper Jhelum canal in 1915. In spite of some reduction in the total area there has been an increase of over a million acres in cultivation, nearly the whole of this being due to canal irrigation. The apparent expansion of 600,000 acres in *barani* cultivation is only nominal, as there has been an equivalent reduction in the headings *sailab* and *abi*. Twenty-nine million acres, or slightly more than half the total area of the province, are now under cultivation, of which 3½ million acres are protected by wells, while 9 million acres are irrigated by canals or by canals and wells combined, and the gross assessment, excluding the canal charges, aggregates more than 4 crores of rupees. These figures are an eloquent testimony to the paramount importance of agriculture both to the administration and the people. The average incidence of land revenue is now Re. 1-6-10 per acre of cultivation as compared with Re. 1-3-0 in 1912, or an increase of 20 per cent. which is due

to the fact that no less than 12 districts, including some of the most fertile in the province, were re-assessed during the quinquennium. When it is remembered that the average produce of an acre may now be safely valued at not less than Rs. 25 it is obvious that by far the greater portion of the increased profits from agriculture due to the recent rise in prices has gone into the pockets of the zamindar.

2. The year 1916-17, following on two unusually poor harvests, opened with conditions eminently favourable to agriculture. The monsoon of 1916 brought abundant rain to the greater part of the province, which resulted in an increase of 45 per cent. in the sown and no less than 79 per cent. in the matured area of the kharif crop over the figures for 1915. Outturns were good, especially in the case of rice, bajra and sugarcane, and though the prices of rice and raw sugar fell slightly, cotton rose from Rs. 6-9-0 to Rs. 8-10-0 per maund, double the figure for 1915. Heavy rain in October, coupled with the prevailing high prices and the increased demand for food-grains from foreign countries, led to an increase of 11 per cent. in the area sown for the rabi harvest. The winter months, however, were phenomenally dry, and this seriously affected the canal supply. The situation was partially saved by rain in April, which, though too late for the eastern districts, was of great value in the northern and western portions of the province. Considering the character of the season the resulting increase of 23 per cent. in matured area over the rabi of 1916 was satisfactory. Outturns were slightly below normal, and prices though rather lower than in 1915 except in the case of wheat, which rose from Rs. 3-5-0 to Rs. 3-10-0 per maund, still ruled high. The area of crops matured was 15 per cent. above the assumed normal. On the whole, therefore, the year was a fairly successful one and may be summarized as a bumper kharif, followed by a rabi of record acreage but somewhat disappointing outturn.

3. The fixed land revenue demand rose from 226·29 to 231·51 lakhs. The gross increase of 8·51 lakhs was due mainly to enhanced assessments, while the chief decrease was one of 2·8 lakhs on account of wells falling out of use and alterations from fixed to fluctuating assessments. If sums under suspension and undetermined and irrecoverable balances are excluded, 99·6 per cent. of the total demand was collected and only Rs. 8,000—the same figure as in 1915-16—were outstanding at the end of the year. The collections of fluctuating revenue rose from 121·93 to 138·32 lakhs, owing to the extension of canal irrigation and the timely rainfall, and the balance outstanding was only Rs. 28,000. The Lieutenant-Governor agrees with the Financial Commissioners that the delays that occurred in granting remission for crops damaged by hail in Lyallpur require investigation, and will be glad if the Financial Commissioner and Chief Engineer will jointly devise measures to obviate them in future. If remissions are necessary they should be given at once; the policy of Government is stultified by a procedure that defers the grant of relief until after collections have been made. Such delays give opportunities for malpractices; it appears that there were complaints of corruption against canal subordinates in connection with this matter, and it is satisfactory to learn that some of those concerned have been convicted and punished by the courts.

Collections of "other land revenue" amounted to over 40 lakhs, but it is important to remember that 31 lakhs of this represent payments for the sale of Government land, and must be regarded as the realization of capital rather than as recurring income.

4. The favourable conditions of the year are reflected in the number of coercive processes. These fell from 16,129 to 12,430, and no less than 90·5 per cent. of the outstanding arrears were collected. There were no cases of imprisonment, only one sale of immovable property and only one warrant for its attachment. The Multan division is again responsible for the largest number of processes, but the figures show an improvement on those of the previous year, and it appears that the special efforts made to enforce punc-

cuality have been largely successful. The experiment of serving revenue processes through the post has been very successful in Gujranwala, and the Lieutenant-Governor is glad that the Financial Commissioners are extending it tentatively to other districts. A reduction in the number of tahsil chaprasis and a corresponding curtailment in the opportunities for illegal exaction are the most welcome features of the system.

5. The plan of appointing a special official to lay the revenue records or excerpts from them before civil courts is reported to have worked well in the four districts where it was tried, and on the recommendation of the Hon'ble Judges is about to be extended to all districts. The extra cost has hitherto been covered by fees payable by the parties, and the scheme is therefore self-supporting. It is hoped that means will be devised for avoiding in practice the possible abuses to which the report alludes, and that the desired result of making the revenue records easily accessible to litigants will be achieved.

The payment of revenue by currency notes is not yet popular, partly owing to the possibility of fraud and partly because of the difficulty of procuring notes in rural tracts. The policy of Government is to popularize the use of its paper currency, and with due safeguards the despatch of notes by post should be more convenient and economical than payment by money order for the remittance of large amounts.

6. The working of the perennial canals during the year was again severely tried and called forth all the energy and skill of the Irrigation Department. Supplies for the autumn crop were abundant, but the failure of the winter rains inevitably meant low rivers and seriously restricted the supply for the rabi harvest, at a time when the demand for both the irrigated and unirrigated sowings was unprecedentedly keen. The question of equitable distribution of the available supply between the five great canals fed by the triple project was thus one of unusual difficulty and was complicated by the fact that irrigation from the Upper Chenab is still in process of development, while that from the Upper Jhelum has only just commenced. Moreover, the Lower Chenab was for the first time grouped with those of the triple project for the purposes of this distribution, and this apparently led to some curtailment of the supply to Lyallpur irrigators. Similarly the opening of rabi irrigation on the Upper Jhelum caused a marked diminution in the supply for the Lower Jhelum and necessitated the introduction for the first time of rotational closures, which in the absence of due warning are naturally disliked by the cultivators. In reviewing the annual colony report His Honour recently remarked that the subject, though mainly a technical one, is of such importance that the Financial Commissioners should in future be consulted before the distribution is made, and he hopes that this will ensure more careful consideration of the contending interests involved.

7. The working of the Upper Chenab Canal continues to give rise to difficulties, not only in the new Colony which has suffered from initial mistakes of policy, but also in the settled villages, the very varying conditions of which cannot in all cases be readily adapted to the principles of irrigation laid down. If the complaints regarding the heading up of torrent water, the inequity of the complicated chakbandi system and errors in the assessment of water-rates are well founded, no time should be lost in removing their causes. The danger of water-logging, the most pressing problem of Punjab agriculture, is one to which Government is already alive, and the recommendations of the Conference of April 1917, to which the Financial Commissioners allude, are receiving careful consideration. The problem has recently become one of increasing urgency owing to the disastrous floods caused in certain districts by the unprecedented rainfall of September last, and the Lieutenant-Governor is inclined to the view that the most satisfactory method of solving it will be to take each of the great Doabs separately and work down from the point where irrigation begins to the junction of the

rivers. Something of this kind is already being done on the Lower Chenab canal, and there is reason to believe that similar remedial measures are urgently required in the Bari Doab

The increasing success of the Nammal dam is a matter for satisfaction, and justifies further efforts to undertake similar works in the dry north-western districts where suitable sites are forthcoming. One such scheme in the Isa Khel tahsil is now under investigation, but in future reports some brief details of area irrigated and revenue returns might well be given.

The total figures of irrigation from Imperial and Provincial canals—9 million acres sown and 8⅓ million matured—are very striking, especially in a year conspicuous for an almost complete failure of the winter rains. The crops raised on the canals probably represented one-half of the agricultural wealth of the Province, and it may be said that in 1916-17 the canals again stood between the Province and severe scarcity. Schemes of further expansion are already under consideration, but even as it stands the great Punjab canal system is an achievement of which the Province may be justly proud.

8. The working of the Land Improvement Loans Act, which was adversely criticized in last year's review, shows little improvement. The total of advances made is the same, and the number of wells sunk with the aid of loans has decreased. The Financial Commissioners have wisely called for the opinions of Commissioners on the apparent unpopularity of what ought to be a most beneficial system to the zamindars, and their conclusions will be awaited with interest. The figures for Gurgaon, quoted in paragraph 24 of the report, show how much can be done to encourage the sinking of wells by a zealous District Officer. There has been a large decrease, from 8 to 1·5 lakhs, in the amount of loans under the Agriculturists' Loans Act, but this is doubtless due not to any falling off in the popularity of the Act, but to the favourable character of the seasons. The present system could no doubt be improved by more careful inspection of the way in which the money is utilized and by the distribution of loans at cattle fairs and other gatherings. Government has refused to raise the rate of interest charged on either form of loans in spite of the steady rise in the open market.

9. An important experiment with the object of encouraging the cultivation of food-grains has been made by relaxing the rules regarding leases of Government waste land, and a large area has been given out on favourable terms to lessees for two years for the cultivation of such crops. It is too early to estimate the result of this innovation, but its effect on the cultivated area of the present harvest will be awaited with interest. The Lieutenant-Governor, however, notes with satisfaction the energetic measures taken by Mr. Kitchin in Lyallpur, where the system of leaving the actual distribution of the waste attached to each village to the colonists themselves is expected to bring over 64,000 additional acres under the plough. If corresponding results have been obtained in other canal-irrigated tracts with similar opportunities the success of the experiment is assured.

10. The financial situation has again prevented further action under the Chos Act. The Lieutenant-Governor agrees with the Financial Commissioners that the results already obtained are promising, and that further action should be no longer delayed; proposals for extending the operations should now be formulated and provision made for giving effect to them as early as possible. Meanwhile judicious encouragement should be given to any unofficial action likely to contribute towards the desired reafforestation, and His Honour is prepared to consider an extension of the practice of making grants to villages for the reclamation of Cho beds, if they are found to be properly utilized.

11. Sales of agricultural land have remained low and redemptions of mortgages are fewer even than last year. This may no doubt be partly attributed to the unsettled conditions created by the war, but recent high prices and the improved conditions of military service have put large sums of money

into the pockets of the agricultural classes, and extensive redemptions of mortgages might well have been expected. The result of Financial Commissioners' enquiries into this subject will be awaited with interest, and it may be that part of the funds which might have been utilised for clearing off encumbrances were invested in the various war loans. The value of land continues to rise rapidly and the average for the year under review was Rs. 227 per acre as against Rs. 216 in 1915-16. The average price realized at the auction sales on the Lower Bari Doab canal in the spring of 1917 was Rs. 229 per acre, whereas at the auctions of March 1918 it reached the unprecedented figure of Rs. 331 per acre for nearly 8,000 acres. A remarkable feature is the large proportion purchased by agriculturists. In the Province as a whole the sale value of land on the figures for 1916-17 now represents 157 times the land revenue, as against 151 times in 1915-16 and 66 times 20 years ago. No better proof could be afforded of leniency of the land revenue demand and of the remarkable increase of general prosperity within the last generation.

12. The working of the Alienation of Land Act has again been satisfactory: no new difficulties are reported and it appears to entail very little extra work. His Honour is in complete agreement with the view of the Financial Commissioners that it commands the confidence and approval of the peasant population, and has largely achieved its object. In almost every village the *Akt Intiqalat* is spoken of as the Magna Charta of the zamindar. It is the settled policy of Government to secure the prosperity and contentment of the land-owning classes by leniency in assessment, by securing them in the possession of their ancestral holdings, and by opening up to them new fields of profitable expansion in the great canal colonies. That this policy is appreciated is proved by their remarkable rally to the Empire's call in the present war. During the year 1917 the Punjab furnished well over 100,000 recruits to the army and these were drawn almost exclusively from the rural population.

13. The slight decrease in the number of revenue cases decided during the year needs no comment. Appellate work is well up to date in the offices and courts of Commissioners and Financial Commissioner, but over half of the pending cases are on the file of the Commissioner of Jullundur. The report makes special mention of the number of petitions received from soldiers at the front, which in the case of the single district of Hoshiarpur numbered no less than 2,195. His Honour believes that district officers are fully alive to the importance of dealing promptly and sympathetically with these applications as far as the powers at their disposal allow, and the fact might well be brought to the notice of Commanding Officers, who are apt to complain if immediate attention is not paid to the sometimes impracticable demands of their subordinates and do not always understand the limitations on the action of Executive officers in such matters.

In conclusion Sir Michael O'Dwyer desires to thank both Financial Commissioners for their efficient administration of the Revenue Department and for a most interesting and practical report. The war has thrown upon the shoulders of Revenue officers a variety of miscellaneous duties which, though forming a heavy addition to their ordinary work, have been cheerfully and efficiently performed; and the Lieutenant-Governor has pleasure in acknowledging the unflagging zeal and the loyal spirit in which officers of the Revenue Department from the highest to the lowest have borne the strain of the last three years and responded to every fresh call made upon them.

ORDER.—Ordered that a copy of the above review be forwarded to the Senior Secretary to the Financial Commissioners, Punjab, for information and guidance, also that it be published in the *Punjab Government Gazette*, and circulated with the report as usual.

By order of His Honour the Lieutenant-Governor of the Punjab,

H. D. CRAIK,

Revenue Secretary to Government, Punjab.

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	ARABIC—LANGUAGE.		
12	قاعده قراءت [Qaida Qira'at. A primer intended to teach the reading of Quran.] Pp 22. Shaikh Ilahi Rakhsh, Rahim Bakhsh, Book-sellers, Gujrát, [15th September, 1917.] 16°, litho, R.	Bilali Steam Press, Sadhaura.	1,000
	ENGLISH HISTORY.		
	(*Designed for educational purposes.*)		
4	**A catechism of Professors Ram Prasad, Khosla, and Manmohan's History of India, by M. Sultan Ali, B.A.** Pp. 134. Published by Ram Lal, Suri, Book-seller, Lahore. [November, 1917.] 16°, 2nd edition. Price, 8 annas	Hardinge Printing Press, Lahore.	2,000
	ENGLISH—LANGUAGE		
	(*Designed for educational purposes.*)		
33	**A guide to Direct and Indirect Narration by Lala Keshab Chandar Handa, B.A., and Lala Mehr Chand, Aggarwal.** Pp. 52. Published by the compilers, Jullundur City. [6th October, 1917.] 16°, 1st edition. Price, 4 annas.	Punjab Printing Works, Lahore.	2,000
	(*Designed for educational purposes.*)		
34	**Complete Notes on New English Course V, by Lala Amin Chand, Puri, English teacher, Randhir Collegiate High School, Kapurthala.** Pp. 90. Messrs. Hari Singh and Brothers, Book-sellers, Jullundur City. [15th September, 1917.] 16°, 1st edition. Price, 10 annas.	Kishan Press, Jullundur City.	1,000
	(*Designed for educational purposes.*)		
35	**Critical and explanatory notes on Ruskin's Sesame and Lilies by Sayad Abdul Qadir, M.A.** Pp. 454. Published by the compiler, Jullundur City. [October, 1917.] 16°, 2nd edition. Price, 2 Rs.	Hardinge Printing Press, Lahore.	1,000
	(*Designed for educational purposes.*)		
36	**Exhaustive and critical notes on the Star of India Poetry Book, Part II, by A. D. Qureshi, B.A.** Pp. 88. M. Nawab Din & Sons, Book-sellers, Siálkot City. [October, 1917.] 16°, 1st edition. Price, 6 annas.	Union Steam Press, Lahore.	1,000
	(*Designed for educational purposes.*)		
37	**Macaulay's Lays of Ancient Rome, with text, criticisms, 60 Model questions, exhaustive notes, etc., by Lala Mela Ram, Suri, M.A.** Pp. 198. Messrs. Rama Krishna & Sons, Book-sellers, Lahore. [October, 1917.] 16°, 1st edition. Price, 1 Re and 5 annas.	Ditto ...	1,000
38	**Matriculation Examination of 1918. Thirty-two Model papers on English paper B, or on Text-books for 1918 by Mr. K. L. Rallia Ram, Head-master. Mission High School, Lahore.** Pp. 92. Published by the compiler, Lahore. [October, 1917.] 16°, 1st edition. Price, 10 annas.	Hardinge Printing Press, Lahore.	500

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	ENGLISH—LANGUAGE—CONCLUDED.		
	(Designed for educational purposes.)		
39	**Notes on Macaulay's Lays of Ancient Rome, Part III, by Professor N. D. Gurbaxani, M. A.** Pp. 19. Published by the author, Delhi. [26th September, 1917.] 16°, 1st edition. **Price, 12 annas (all parts).**	Punjab Printing Works, Lahore.	500
	(Designed for educational purposes.)		
40	**Notes and Model Questions with answers on Longman's new English Course V. containing explanation of words, phrases, etc., by M. Shankar Lal Varma.** Pp. 157. Published by Ram Lal, Suri, Bookseller, Lahore. [November, 1917.] 16°, 1st edition. **Price, 10 annas.**	Hardinge Printing Press, Lahore.	1,000
	(Designed for educational purposes.)		
41	**Notes on the Seamen of the Sixteenth Century, by Braja Sundar Roy, M.A., Professor of English Litr., City College, Calcutta.** Pp. 512. Published by Ram Lal, Suri. The Students' Own Agency, Lahore. [16th September, 1917.] 16°, 1st edition. **Price, Rs. 2.**	Ripon Press, Lahore.	1,000
	(Designed for educational purposes.)		
42	**Notes on Washington Irving's Sketch Book, Intended for F. A. candidates of the Punjab Universiiy by M. R. Mukerji, B.A., and B. M. Gupta, B.A.,** Pp. 70. Published by Lala Maghi Ram, second Master, Kárachi. [2nd November, 1917.] 16°, 1st edition. **Price, 10 annas.**	Punjab Printing Works, Lahore.	1,000
43	**Selections from a book of Golden Deeds, edited by Bakhshi Ram Rattan, B.A., Head Master, D.-A. V. High School, Lahore.** Pp. 137. Published by the author, Lahore. [15th November, 1917.] 16°, 1st edition. **Price, 12 annas**	Kapur Art Printing Works, Lahore.	100
	ENGLISH—LAW.		
7	**A Commentary on the Punjab Tenancy Act, XVI of 1887, as modified up to 1916, by Lala Mohan Lal, B.A., LL.B.** Pp. 4, 246; 4. Published by Lala Mul Chand, Lahore. [26th September, 1917.] 8°, 1st edition. **Price, Rs. 4.**	"Panjabee" Electric Press, Lahore.	500
8	**Lectures on Private International Law with appendices, specially adapted for the examination of the Indian Universities, by Rai Bahadur Shadi Lal, M.A., Judge, Chief Court, Punjab.** Pp. 98. Published by Ram Lal, Suri, Bookseller, Lahore. [21st November, 1917.] 8°, 2nd edition. **Price, Rs. 2 and 8 annas.**	Punjab Printing Works, Lahore.	1,000
9	**The Defence of India Act, IV of 1915 (as amended by Act II of 1916), with rules and notification thereon, by Pandit Bhagat Ram, B.A. LL.B., Amritsar.** Pp. 32. The compiler, Amritsar. [October, 1917.] 8°, 1st edition. **Price, 4 annas.**	Union Steam Press, Lahore.	1,000

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	ENGLISH—MEDICINE.		
1	**A clinical guide for the Medical Students, compiled by Shaikh Ghulam Haider.** Pp. 93. Published by the compiler, Mayo Hospital, Lahore. [November, 1917.] 16°, 1st edition. Price, 8 annas.	Hardinge Printing Press, Lahore.	500
2	**A Complete and Concise List of the Abbreviations of the Names of Drugs for Medical Students and Practitioners compiled by Sheikh Allah Bakhsh Qureshi.** Pp. 52. Published by the compiler, Lahore. [7th February, 1917.] 16°, 1st edition. Price, 8 annas.	Central Printing Works, Lahore.	500
3	**Fracture Tables, compiled by Mir Hidayat Ullah, L. M. S., Lecturer on Surgery, Medical School, Lahore.** Pp. 65. Published by the Compiler, Lahore. [November, 1917.] 16°, R. Price, 8 annas.	Hardinge Printing Press, Lahore.	500
4	**Tuberculine Injection in Tuberculosis. ? A warning by Dr. K. C. Hitaeshi, M. D., Principal, Homœpathic College, Lahore.** Pp. 11, 4. Published by the Punjab Homœpathic Association, Lahore. [October, 1917.] 16°, 1st edition. Price, 1 anna.	Central Printing Works, Lahore.	50
	ENGLISH—MISCELLANEOUS.		
54	**Annual Report of the Dev Samaj from 1st December 1915 to 30th November 1916, by L. Ratan Chand, Johar.** Pp. 18. Published by S. Amar Singh, Dev Ashram, Lahore. [September, 1917.] 8°, 1st edition.	Jiwan Press, Lahore.	400
55	**Certificates of Chaudhri Daya Ram, Bar.-at-Law, Ambala.** Pp. 11. [1st November, 1917.] 8°, 1st edition. Free.	Raj Kishan and Co., Printers, Ambála Cant.	12
56	**Copies of the testimonials of Hukam Chand and Sujan Singh, Contractors, Rawalpindi.** Pp. 10. Published by the Contractors, Ráwalpindi. [9th October, 1917.] 16°, 1st edition.	Martin Printing Press, Ráwalpindi.	50
57	**1-9th Battalion, Hampshire Regiment, Mountain Warfare, Camp and Bivouac Routine, Ferozepore** Pp. 29. Published by the Regimental, authorities, Ferozepore. [29th October, 1917.] 8°, 1st edition.	Branch Muir Printing Works, Ferozepore.	250
58	**Outlines of the St. John Ambulance Association and its work, being a brief translation of an Urdu pamphlet compiled by Rai Sahib Lala Devi Dayal, Opal, Joint Secretary St. John Ambulance Association, District Centre Gurdáspur.** Pp. 25. Published by the Secretary of the Association, Gurdáspur. [September, 1917.] 8°, 1st edition. Free.	National Press, Amritsar.	300
59	**Report of the Kannya Maha Vidyalaya, Jullundur City, for Sambat 1973 or 1916-17 A. D.** Pp. 44. Published by the School authorities. [4th September, 1917.] 16°, 1st edition. Free.	Punjab Printing Works, Lahore.	1,500
60	**Report of the Third All-India Bhatia Conference held at Lahore on 24th, 25th and 26th December 1916.]** Pp. 68. Published by the Executive Committee of the All-India Bhatia Conference, Lahore. [October, 1917.] 8°, 1st edition. Free.	Mufid-i-'Am Press, Lahore.	1,000

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	ENGLISH—MISCELLANEOUS—CONTINUED.		
61	**Sanads and Testimonials of the well-known family of Lala Sher Singh, late Zaildar and Malguzar, Hansi, District Hissar.** Pp. 11. [1st November, 1917.] 4°, 1st edition. Free.	Raj Kishan Printing, & Co., Ambála.	250
62	**Tables showing at a glance sizes of Rolled Steel and Wooden Beams, etc., compiled by Rai Sahib Raja Ram, Assistant Engineer, Public Works Department, Lahore.** Pp. 48. Published by the compiler, Lahore. [15th November 1917.] 16°, 2nd edition. Price, 1 rupee.	Punjab Printing Works, Lahore.	1,000
63	**The Fifth Punjab Provincial Conference, Lahore. Presidential address by the Hon'ble Khan Bahadur Mian Fazl-i-Hussain, M.A., Bar.-at-Law. on the occasion of Punjab Provincial Conference held on the 26th of October 1917.** Pp. 24. Published by Punjab Provincial Conference Committee, Lahore [November, 1917.] 8°, 1st edition.	Khalsa Brothers' Press, Lahore.	500
64	——————— **Chairman's address. Speech of Lala Harkishan Lal, Bar.-at-Law, on the occasion of Punjab Provincial Conference held on the 26th of October 1917.** Pp. 18. Published by Punjab Provincial Conference Committee, Lahore. [5th November, 1917.] 8°, 1st edition.	Ditto	1,000
65	**The Hawaid Shorthand School, Rawalpindi. Prospectus of the School.** Pp. 14. J. D. Narula, Principal of the School, Ráwalpindi. [23rd October, 1917.] 8°, 1st edition. Price, 3 annas.	Martin Printing Press, Ráwalpindi.	
66	**The Hindu Serving Club (late Goutem Club), Ambala: An Association for mutual help and co-operation in social, moral and physical progress.** Pp. 4. The Hindu Serving Club, Ambála. [4th October, 1917.] Foolscap size, 1st edition. Free.	Banarsi Dass Press, Ambála.	100
	ENGLISH—POETRY.		
2	**S. Kambhotlu, B.A. B.L. "Beware." Poems on the transitory state of the world and its people.** Pp. 29. Arya Pritinidhi Sabha, Lahore. [23rd August, 1917.] 16°, 1st edition.	Punjab Printing Works. Lahore.	200
	ENGLISH—POLITICS.		
1	**The present political situation of India. Reflections and suggestions by Pandit S. N. Agnihotri, founder of Dev Samaj.** Pp. 16. Published by Sardar Amar Singh, Dev Ashram, Lahore. [September 1917.] 16°, 1st edition.	Jiwan Press, Lahore,	1,000
	ENGLISH—PHILOSOPHY. *(Designed for educational purposes)*		
2	**A Help to Intermediate Logic (Deduction) containing all the Main Principles of Deductive Logic copiously illustrated by Typical Examples, Innumerable Questions with their Answers, and University Question papers for recent years, etc.** Edited and published by S. R. Jariwala, M.A., Professor D. A.-V. College, Lahore. [13th September, 1917.] 16°, 1st edition. Price, 1 rupee.	Ripon Press, Lahore.	1,000

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	ENGLISH—RELIGION.		
3	The Doctrine of Re-incarnation, by Durga Prasad, Translator of Vedas. Pp. 20. Published by the compiler, Lahore. [12th November, 1917.] 8°, R. Price, 2 annas.	Virjanand Press, Lahore.	500
	ENGLISH—SCIENCE—(MATHEMATICAL).		
13	Tables showing at a glance sizes of Rolled Steel and Wooden Beams, Wooden Battens, Rafters, Tie Rods, Wooden Posts and Struts, Arches, Abutments, Retaining Walls, Pipes, Drains, Steel wire, Iron wire, Hemp and Manila ropes, Reinforced concrete slabs, etc. Pp. 48. Compiled and published by Rai Sahib Raja Ram, Assistant Engineer, Lahore. [August, 1917.] 16°, R.	Punjab Printing Works, Lahore.	1,000
	ENGLISH—SCIENCE—(NATURAL AND OTHER).		
14	Practical Physics and Laboratory note-book, prescribed as a Text-book by the Education Department for use in High Schools, by Lala Ruchi Ram, Sahni, M.A., Professor, Government College, Lahore. Pp. 59. Published by Messrs. Seth and Co., Book-sellers, Lahore. [16th November, 1917.] 8°, 1st edition. Price, 8 annas.	Central Printing Works, Lahore.	2,000
15	Tables on Simple Qualitative Analysis by Kishan Singh, Head Lecture Assistant, Government College Lahore.] Pp. 22. Published by the compiler, Lahore. [September, 1917.] 8°, 2nd edition. Price, 8 annas.	Ditto ...	500
	HINDI—BIOGRAPHY.		
4	ऋषि दयानन्द स्वरचित जीवन चरित [Rishi Daya Nand Swarachit Jiwan Charit. Autobiography of Swami Daya Nand, the founder of Arya Samaj, compiled by Pandit Bhagwat Datt, B.A.] Pp. 50. Published by Vazir Chand, Sharma, Vaidik Pustakalaya, Lahore. [August, 1917.] 8°, 2nd edition. Price, 4 annas.	Model Press, Lahore.	1,000
5	ऋषि जीवन कथा [Rishi Jiwan Katha. Anecdotes from the life of Swami Daya Nand, the founder of the Arya Samaj, compiled by Lakshman, Aryopdeshak. Pp 267. Published by the compiler, Lahore. [23rd August, 1917.] 16°, 1st edition. Price, 10 annas.	Punjab Printing Works, Lahore.	2,000
	HINDI—DRAMA.		
1	Sudarshan ji. दयानन्द नाटक [Daya Nand Natak. Life of Swami Daya Nand in the form of a drama.] Pp. 140. The Manager, Ram Kutiya, Lahore. [23rd November, 1917.] 16°, 1st edition. Price, 10 annas.	Ditto ..	1,000

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	HINDI—LANGUAGE.		
	(Designed for educational purposes.)		
9	**Bihari Lal, Lala.** बालोद्यान [**Balodyan.** A Hindi Primer. Pp. 27. Published by Uttar Chand, Kapur & Sons, Book-sellers, Lahore. [15th September, 1917.] 16°, 1st edition. Price, 1 anna 3 pies.	Kapur Art Printing Works, Lahore.	3,000
	(Designed for educational purposes.)		
10	**Ram Gopal, Shastri.** आर्य भाषा की प्रथम आर्य पुस्तक [**Arya Bhasha ki Pratham Arya Pustak.** A Hindi Primer for Arya Samaj Schools.] Pp. 15. The author, D.A.-V. College, Lahore. [22nd October, 1917.] 16°, 1st edition. Price, 6 pies.	Union Steam Press, Lahore.	1,000
	HINDI—MISCELLANEOUS.		
23	दान धर्म रक्षिणी महा सभा के नियमों की पांडुलिपी [**Dan Dharm Rakshini Mahasabha ke Niyamon ki Pandulipi.** Draft Rules of Dan Dharm Rakshini Association.] Pp. 11. The Secretary of the Association, Hardwar. [13th October, 1917.] 8°, 1st edition. Free.	Punjab Printing Works, Lahore.	500
24	कन्या आश्रम जालन्धर नगर के नियम [**Kanya Ashram Jullundur Nagar ke Niyam.** Rules of Kanya Ashram (Girls' Boarding-House), Jullundur City.] Pp. 9. The Secretary, Kanya Mahavidyalaya, Jullundur City. [15th August, 1917.] 8°, R. Free.	Ditto ..	2,000
25	मशीन गन ट्रेनिङ्ग (पार्ट १) के वह हिस्से जिन में लूइस गन की सिखलाई दर्ज है (दूसरा भाग) [**Machine Gun Training, (Part I) ke woh hisse jin men Lewis Gun ki sikhlai darj hai (Dusra Bhag).** Extracts from the advanced version of Machine Gun Training, Part I, dealing with instruction in Lewis Gun, Part II.] Pp. 45. The Superintendent, Government Printing, India, Calcutta. [September, 1917.] 16°, 1st edition.	Mufid-i-'Am Press, Lahore.	1,000
26	पाठ विधि कन्या महा विद्यालय जालन्धर नगर [**Path Vidhi Kanya Mahavidyalaya, Jullundur Nagar.** Scheme of studies of the Kanya Mahavidyalaya, Jullundur City.] Pp. 12. The Secretary of Vidyalaya, Jullundur City. [16th August, 1917.] 8°, 1st edition. Free.	Punjab Printing Works, Lahore.	2,000
27	Pp. 12. [15th November, 1917.] 8°, R. Free.	Ditto ...	2,000

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	(HINDI—MISCELLANEOUS—CONCLUDED.		
28	Prithvi Singh, Sufi. आध्यात्मिक भण्डार की कुञ्जो [Adhyatmik Bhandar ki Kunji. The Key to Spiritualism] Pp. 49. Published by the author, The Spiritual Training & Publishing Institute, Lahore. [30th October, 1917.] 16°, 1st edition. **Free.**	Union Steam Press, Lahore.	2,000
	HINDI—POETRY.		
13	अबला भजन प्रकाश तृतीय भाग [Abala Bhajan Prakash Tritiya Bhag. A collection of devotional and admonitory songs for women, Part III. Compiled by Pandit Krishna. Pp. 154. Published by Lala Munshi Ram, Arya Samaj, Amritsar. [23rd November, 1917.] 16°, R. **Price, 6 annas.**	Punjab Printing Works, Lahore.	3,000
14	———— Part IV. Pp. 54. [23rd November, 1917.] 16°, R. **Price, 2 annas 6 pies.**	Ditto ...	3,000
15	Shahzada Ram, Hakim. स्तवन संग्रह [Stavan Sangrah. Devotional songs for the Jain community.] Pp. 63. The Secretary, Atmanand Jain Tract Society, Ambála. [October, 1917] 16°, 1st edition. **Price, 2 annas.**	Bombay Press, Lahore.	1,000
	HINDI—(IN GURMUKHI CHARACTER)—POETRY.		
	(Designed for educational purposes.)		
16	ਚਣਾਕਾ ਸਾਰ ਅਥਵਾ ਨੀਤੀ ਸਾਰ [Chanaka Sar Athva Niti Sar. Selections from Chanikya's manual of polity (Chanikya Niti.) Pp. 55. Babu Teja Singh, Secretary, Panch Khalsa Diwan, Bhasaur. [10th September, 1917.] 16°, oblong, 2nd edition. **Price, 1 anna.**	Sri Gurmat Press, Amritsar.	1,000
	(Designed for educational purposes.)		
17	ਸਾਰੁਕੁਤਾਵਲੀ ਸਾਰ ਅਥਵਾ ਬੁੱਧ ਪ੍ਰਕਾਸ਼ [Sarukutawali Sar athwa Buddh Prakash. Selections from Saruktawali, a book of moral precepts.] Pp. 88. Babu Teja Singh, Secretary, Panch Khalsa Diwan, Bhasaur. [10th September 1917.] 16°, oblong, 2nd edition. **Price, 1 anna 6 pies.**	Sri Gurmat Press, Amritsar.	6,000
	HINDI—PHILOSOPHY.		
1	Kanno Mal, M.A., Lala— ट्रैक्ट नं० २२ सप्तभंगी नय [Tract No. 22 Saptabhangi Naya. One of the most important systems of Jain philosophy called Saptabhangi Naya.] Pp. 26. The Secretary, Atmanand Jain Tract Society, Ambála. [October, 1917.] 16°, 1st edition. **Price, 1 anna.**	Bombay Press, Lahore.	1,000

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	HINDI—RELIGION.		
9	सन्ध्या योग [Sandhya Yog. A lecture delivered by Swami Satya Nand on Sandhya (the Hindu morning and evening prayers.)] Pp. 142. Published by Rajpal, Arya Pustkalaya, Lahore. [24th November, 1917.] 32°, R. Price, 4 annas.	Punjab Printing Works, Lahore.	1,500
	HINDI—SCIENCE—(MATHEMATICAL). *(Designed for educational purposes.)*		
8	गणित संग्रह प्रथम भाग उत्तरार्द्ध [Ganit Sangrah Pratham Bhag Uttarardh. [A Manual of Arithmetic for use in Girls' Schools, by Har Govind, Munshi, Part I (2nd half).] Pp. 132. Published by Jagi Devi, daughter of Munshi Har Govind, teacher, Victoria Girls' High School, Lahore. [August, 1917.] 16°, 3rd edition. Price, 5 annas 6 pies.	Model Press, Lahore.	2,000
	PERSIAN—LANGUAGE. *(Designed for educational purposes.)*		
7	باتصویر فارسی کی پہلی کتاب نو ترمیم [Bataswir Farsi ki Pahli Kitab. nau tarmim. A First Persian Reader revised and illustrated, compiled by M. Ghulam Husain, Personal Assistant to Director, of Public Instruction, N.-W. F. Province.] Pp. 107. Diwan Wazir Singh and Sons, Book-sellers, Peshâwar. [October, 1917.] 16°, Litho, R. Price, 3 annas and 6 pies.	Public Steam Press, Lahore.	3,000
	PUNJABI—BIOGRAHPY.		
3	Suraj Singh, Bhai. ਚਮਕਦੇ ਲਾਲ [Chamakde Lal. Life of Sardar Hari Singh, Nalva, Commander-in-Chief of the Sikh Forces in Maharaja Ranjit Singh's time.] Pp. 172. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [7th July, 1917.] 16°, R. Price, 8 annas.	Punjab Commercial Press, Amritsar.	1,000
	PUNJABI—DRAMA.		
1	ਸ਼ੁਮ ਦੇ ਘਰ ਧੁਮ (ਭਾਗ ੧) [Shum-de-ghar Dhum, Bhag I. A humorous drama describing how the friends and relatives of a miser planned to dispossess him of all his wealth during his lifetime to teach him the evils of hoarding wealth.] Pp. 32. Khalsa Tract Society, Amritsar. [3rd September, 1917.] 16°, 1st edition. Price, 1 anna.	Wazir-i-Hind Press, Amritsar.	1,225
2	———Part II. Pp. 33—76. [16th September, 1917.] 16°, 1st edition. Price, 1 anna.	Ditto ...	1,225
	PUNJABI—FICTION.		
19	ਅਨਾਥ ਕੰਨਯਾਂ ਭਾਗ ੧੬ [Anath Kanya, Bhag 16, Part XVI. Part XV noticed in entry No. 16 on page 12 of the catalogue for the quarter ending 30th September, 1917.] Pp. 434-65, Khalsa Tract Society, Amritsar. [4th August, 1917.] 16°, 1st edition. Price, 1 anna.	Ditto ...	1,225
20	———Part XVII.] Pp. 466—510. [4th August, 1917.] 16°, 1st edition. Price, 1 anna.	Ditto ...	1,225

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	PUNJABI—FICTION—CONCLUDED.		
21	ਚੰਦ੍ਰ ਕਾਂਤਾ ਭਾਗ ਸਤਵਾਂ ਸੰਤਤਿ [Chandra Kanta, Bhag Satwan, Santate. Love story. Part VII, Pp. 103. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [23rd July, 1917.] 16°, R. Price, 8 annas.	Punjab Commercial Press, Amritsar.	600
	PUNJABI—LANGUAGE. *(Designed for educational purposes.)*		
12	ਪੰਜਾਬੀ ਬਯਾਕਰਣ [Punjabi Biakaran. Punjabi Grammar, compiled by late Lala Behari Lal, Puri, and revised by Bhai Bishan Das, Puri, M.A.] Pp. 248. Bhai Bishan Das, Puri, M.A., Reporter on Books, Lahore. [22nd September, 1917.] 16°, R. Price, 1 Re.	Wazir-i-Hind Press, Amritsar.	500
	PUNJABI—MEDICINE.		
10	ਗਰਮ ਦੇਸਾਂ ਲਈ ਅਰੋਗਤਾ ਦੇ ਨਿਯਮ [Garm desan lai arogta-de niyam. A Punjabi rendering by Dr. Sohan Singh. L. M. S., of the English Original 'Laws of Health for Tropical Countries' by Major R. J. Blackham, I. M. S.] Pp. 284. St. John Ambulance Association, Simla. [25th October, 1917.] 16°, 1st edition. Price, 1 Re.	Punjab Steam Press, Lahore.	1,00[illegible]
	PUNJABI—MISCELLANEOUS.		
33	ਹਾਸੇ ਦਾ ਸਮੁੰਦ੍ਰ [Hase da Samundra. A collection of humorous and witty stories.] Pp. 16. Bhai Hardit Singh, Book-seller, Amritsar. [6th September, 1917.] 8°, R. Price, 1 anna.	Coronation Printing Works, Amritsar.	1,000
34	ਮਸ਼ੀਨ ਗਨ ਟ੍ਰੇਨਿੰਗ (ਪਾਰਟ ੧) ਦੇ ਕੁਝ ਹਿੱਸੇ ਜਿਨ੍ਹਾਂ ਵਿੱਚ ਲੁਈਸ ਗਨ ਦੀ ਸਿਖਲਾਈ ਲਿਖੀ ਹੋਈ ਹੈ (ਦੂਜਾ ਭਾਗ) [Machine Gun Training (Part II) de kujh hisse jinhan wich Lewis Gun di sikhlai likhi hoi hai (Duja Bhag). Extracts of advanced copy of Machine Gun Training, Part II, dealing with instructions in Lewis Gun, Part 2.] Pp. 32. Superintendent, Government Printing, India, Calcutta. [September, 1917.] 16°. 1st edition.	Mufid-i-'Am Press, Lahore.	600
35	Mohan Singh, Bhai ਅਦੁਤੀ ਲ ਲਟੈਨਾਂ ਨੰ: ੨ [Aduti Laltainan, No. 2. Notices of books published by the author.] [Pp. 30. Published by the author, Taran Taran. [15th September, 1917.] 16°, 1st edition. Free.	Coronation Printing Works, Amritsar.	2,250
36	Parma Nand, Swami. ਇਸਤ੍ਰੀ ਭੂਖਨ [Istri Bhukhan. A book of social, moral and religious advice to women.] Pp. 368. Published by the author, Muzaffargarh [September, 1917.] 8°, 1st edition. Price, 1 Re.	Mufid-i-'Am Press, Lahore.	1,000

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	PUNJABI—MISCELLANEOUS—CONCLUDED.		
37	ਕਾਨੂਨੀ ਡਾਇਰੀ ਸੰਃ ਬਿਕ੍ਰਮੀ ੧੯੭੪-੭੫ ਸੰਃ ਈਸਵੀ ੧੯੧੮ [**Qanuni Diary san Bikrmi 1974-75, san Isvi 1918.** Calendar for 1918 with instructions for writing deeds and bonds and containing legal information useful in ordinary life.] Pp. 38⁴. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [30th October, 1917] 16°, 1st edition. **Price, 7 annas.**	Wazir-i-Hind Press, Amritsar.	5,000
38	ਰਪੋਟ ਵੇਰਵਾ ਆਮਦਨ ਤੇ ਖਰਚ ਗੁਰਦ੍ਵਾਰਾ ਸ੍ਰੀ ਦਰਬਾਰ ਸਾਹਿਬ ਜੀ ਸ੍ਰੀ ਅੰਮ੍ਰਿਤਸਰ ੧੬ ਵਿਸਾਖ ਸੰਮਤ ੧੯੭੨ ਬਿਃ ਤੋਂ ਲੈਕੇ ੧੫ ਵਿਸਾਖ ਸੰਮਤ ੧੯੭੩ ਬਿਃ ਤਕ ਇਕ ਸਾਲ ਦਾ [**Report verva amdan te kharch Gurdwara Sri Darbar Sahib ji Sri, Amritsar, 16 Visakh, Sambat 1972 Bikrami ton lai ke 15 Visakh Sambat 1973 Bikrami tak ikk sal da.** Balance sheet of the income and expenditure of the Golden Temple, Amritsar, from 16th Visakh 1972 to 15th Visakh 1973, Bikrami Sambat.] Pp. 8. S. B. Arur Singh, C.I.E., Manager, Golden Temple, Amritsar. [31st July, 1917.] 8°, 1st edition. **Free.**	Punjab Commercial Press, Amritsar.	500
39	ਸੱਚਾ ਨਿਬੇੜਾ [**Sachcha nibera.** An account of the proceedings of the "Panchayat" of the Namdev community which sat to decide the caste of a girl married by a member of that community.] Pp. 27. Published by Bhai Kirpa Singh, village Bhandal. [12th July, 1917.] 16°, 1st edition. **Free.**	Coronation Printing Works, Amritsar.	1,000
40	ਸੰਗੀਨ ਦੀ ਲੜਾਈ ਦੇ ਮੈਨੂਅਲ ਦਾ ਤਰਜਮਾ [**Sangin di larai de Manual da tarjama.** Translation, with additions of Manual of Bayonet Fighting, 1916, for the use of the 15th Ludhiána Sikhs.] Pp. 80. Adjutant, 15th Sikhs, Pesháwar. [October, 1917.] 16°, 1st edition.	Coronation Press, Pesháwar.	150
41	ਤਿਥ ਪਤ੍ਰਿਕਾ [**Tith Patrika.** A calendar for 1975 Bikrami, compiled by Pandit Devi Dayal of Amritsar.] Pp. 68. 10 pages notices. Lala Devi Das, Janki Das, Book-sellers, Amritsar. [6th August, 1917.] 8°, oblong. 1st edition. **Price, 2 annas.**	Wazir-i-Hind Press, Amritsar.	5,500
42	————. Compiled by Pandit Devi Dayal, Lahore. Pp. 76. Including notices. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [3rd August, 1917.] 8°, 1st edition. **Price, 1 .anna.**	Ditto ...	2,100
	PUNJA8I—POETRY.		
355	**Brij Ballabh Singh, Bedi, Baba.**—ਕਲਗੀਆਂ ਵਾਲੇ ਦਾ ਸੁਨੇਹਾ [**Kalgian wale da Suneha.** Verses written with a view to encourage recruitment among the Sikhs.] Pp. 16. Published by the author, Lahore. [October, 1917.] 16°, 1st edition. **Free.**	Bombay Press, Lahore.	2,000

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	PUNJABI—POETRY—CONTINUED.		
356	Chuhar Singh, Bhai.—ਕਿੱਸਾ ਝਗੜਾ ਪੋਸਤੀਆਂ [Qissa Jhagra Postian. Against post (the infusion of poppy-head) drinkers.] Pp. 8. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [25th July, 1917.] 8°, 1st edition. Price, 3 pies.	Punjab Commercial Press, Amritsar.	1,000
357	ਦਸਮੇਂ ਪਾਤਸ਼ਾਹ ਜੀ ਦੀ ਸੱਚੀ ਮਹੱਬਤ [Daswen Patshahji di Sachchi Muhabbat. Verses in commemoration of Guru Gobind Singh's birthday.] Pp. 8. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [3rd July, 1917.] 8°, R. Price, 3 pies.	Ditto ...	2,000
358	Daulat Ram, Lala.—ਕਿੱਸਾ ਰਾਜਾ ਰਸਾਲੂ ਵੱਡਾ [Qissa Raja Rasalu Wadda. The well-known legend of Raja Rasalu of Siálkot.] Pp. 242. Published by the author, Rámgarh. [2nd September, 1917.] 8°, 1st edition. Price, 10 annas.	Coronation Printing Works, Amritsar.	1,000
359	——— ———ਵੱਡਾ ਕਿੱਸਾ ਰਾਜਾ ਸਰਯਾਲ [Wadda Qissa Raja Saryal. The story of the trials of Raja Saryal, well known for his devotion and piety.] Pp. 128. Bhai J. S. Sant Singh & Sons, Book-sellers, Lahore. [August, 1917.] 8°, R. Price, 7 annas.	Mufid-i-'Am Press, Lahore.	1,000
360	Dit Singh, Gyani, Bhai.—ਨਕਲੀ ਸਿੱਖ ਪ੍ਰਬੋਧ [Naqli Sikh Prabodh. Against the so-called Sikhs written with a view to remove the evils prevalent among the Sikh community, prose and poetry combined.] Pp. 175. Bhai Gurdial Singh, Book-seller, Lahore. [October, 1917.] 16°, R. Price, 6 annas.	Bombay Press, Lahore.	1,000
361	ਗਊ ਮਾਤਾ ਦੇ ਭਜਨ [Gau mata de Bhajan. Verses on cow protection.] Pp. 24. Published by the Gau Rakhshani Sabha, Ludhiána. [11th October, 1917.] 8°, 1st edition. Price, 1 anna.	Wazir-i-Hind Press, Amritsar.	1,000
362	Gurbakhsh Singh, Bhai.—ਸੁਨੈਹਰੀ ਮੌਕਾ [Sunahri mauqa. Verses urging recruitment in the army.] Pp. 11. Published by the author, Sub-editor, "Patiála Gazette," Patiála. [30th August, 1917.] 8°, 1st edition. Free.	Ditto ...	250
363	Gurdit Singh, Bhai.—ਕਿੱਸਾ ਰੂਹ ਵ ਬੁਤ [Qissa Ruh wa But. Admonitory verses.] Pp. 21. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [25th September, 1917.] 8°, 1st edition. Price, 1 anna, 6 pies.	Coronation Printing Works, Amritsar.	2,000
364	ਜਗਤ ਮੰਗਲ [Jagat Mangal. A pamphlet in commemoration of Guru Nanak's birthday.] Pp. 18. Bhai Mohindar Singh, Gyani, Ghator, District Ambála. [24th November, 1917.] 16°, 1st edition. Free.	Shri Gahr Ghambhir Press, Rúpar.	500

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	PUNJABI—POETRY—CONTINUED.		
365	**Kanshi Ram, Lala.** ਲੀਲਾ ਰਾਜਾ ਸਰਯਾਲ [**Lila Raja Saryal.** Story of the great sacrifice of Raja Saryal.] Pp. 20. Published by the author, Shah Inayat, Lahore District. [October, 1917.] 8°, 1st edition. **Price, 1 anna 6 pies**	Bombay Press, Lahore.	1,000
366	**Kirpa Ram, Lala.**—ਕਿੱਸਾ ਬਜ਼ਬਾਨ ਪੰਜਾਬੀ ਰਾਜਾ ਭਰਥਰੀ ਉਜੈਨ [**Qissa bazuban Punjabi Raja Bharthari Ujjain.** The well-known story of Raja Bharthari.] Pp. 16. Lala Nand Lal, Basanta Mal, Jaini, Book-sellers, Banga. [15th September, 1917.] 8°, 1st edition.	Wazir-i-Hind Press, Amritsar.	1,000
367	———— ਕਿੱਸਾ ਹੀਰ ਰਾਂਝਾ [**Qissa Hir Ranjha.** The well-known love story of Hir and Ranjha.] Pp. 30. [15th September, 1917.] 8°, 1st edition.	Ditto ...	1,000
368	———— ਕਿੱਸਾ ਚੰਚਲ ਕੁਮਾਰੀ ਬੀਰ [**Qissa Chanchal Kumari Bir.** Verses describing how Chanchal Kumari, daughter of Raja Bikram Singh of Rupnagar, was forcibly taken away by the Moghal Army and recovered by Rana Raj Singh, to whom she was afterwards married.] Pp. 16. [15th September, 1917.] 8°, 1st edition.	Ditto ...	1,000
369	———— ਕਿੱਸਾ ਅਮਰ ਸਿੰਘ ਰਾਠੌਰ [**Qissa Amar Singh Rathor.** Story describing how Amar Singh, Rathor, a Rajput prince slew Salabat Khan, Shahjahan's Wazir, who excited the Emperor against the former. The Emperor enraged at the tragedy offered a prize for Amar Singh's head which Arjan Gaur, brohter-in-law of Amar Singh, managed to win treacherously, but he himself was also banished for his treachery.] Pp. 32. Lala Nand Lal, Basanta Mal, Jaini, Book-sellers, Bánga. [15th September, 1917.] 8°, 1st edition.	Wazir-i-Hind Press, Amritsar.	1,000
370	**Kishore Chand, Pandit.** ਜੰਞ ਕਿਸ਼ੋਰ ਚੰਦ [**Janj Kishore Chand.** Songs sung at marriage feasts.] Pp. 8. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [20th September, 1917.] 8°, R. **Price, 3 pies.**	Coronation Printing Works Amritsar.	2,000
371	**Kushal Ban, Swami.** ਉਸਤਤ ਨਾਰੈਣ [**Ustat Narain.** Vedantic and admonitory verses.] Pp. 16. Published by the author, Lahore. [August, 1917.] 8°, 1st edition.	Mufid-i-'Am Press, Lahore.	500
372	**Milkhi Ram, Lala**—ਤੋਤੇ ਅੱਖੀਆਂ [**Tore Akhiyan.** Love verses.] Pp. 15. J. S. Sant Singh and Sons, Book-sellers, Lahore. [September, 1917.] 8,° R. **Price, 9 pies.**	Ditto ...	2,000
373	———— ਮਿਲਖੀ ਦੇ ਸੱਤਉਪਦੇਸ਼ [**Milkhi de Sat Updesh.** Against intoxicants, gambling, etc.] Pp. 18. [September, 1917.] 8°, R. **Price, 9 pies.**	Ditto ...	4,000

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	PUNJABI—POETRY—CONTINUED.		
374	**Moti Ram, Lala.**—ਬਾਰਾਂ ਮਾਹ ਮੋਤੀ ਰਾਮ [**Baran Mah Moti Ram.** Admonitory verses.] Pp. 8. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [16th September, 1917.] 16°, R. Price, 3 pies	Coronation Printing Works, Amritsar.	1,000
375	**Nand Singh, Bhai.**—ਇਸ਼ਕ ਕਟਾਰ [**Ishq Katar.** An expression of the pangs of separation of Sassi from her lover Punnu.] Pp. 12. Published by Pandit Balmukand, Prabhakar, Ludhiána. 15th September, 1917.] 8°, 1st edition. Price, 1 anna.	Sri Gurmat Press, Amritsar.	1,000
376	——————ਇਸ਼ਕ ਬਬੂਕੇ [**Ishq Bhabuke.** Love verses.] Pp 8. [15th September, 1917.] 8°, 1st edition. Price, 6 pies.	Ditto ...	1,000
377	**Narain Singh, Hakim.**—ਫ਼ੌਜੀ ਭਰਤੀ ਨਾਮਾ [**Fauji Bharti Nama.** Verses urging recruitment in the army.] Pp. 8. Swami Bishan Das, Rúpar. [1st September, 1917.] 8°, R. Price, 3 pies.	Shri Gahr Gambhir Press, Rúpar.	1,000
378	**Narinjan Singh, Captain Bhai.**—ਦੇਸ਼ ਤੇ ਪੰਥ ਜੋਗ ਪ੍ਰੇਮ ਸੰਦੇਸਾ [**Desh te Panth jog prem sandesa.** An appeal to the people of this country in general and to the Sikhs in particular for investment in the War loan, recruitment in the army and a brief account of Maharaja Patiála's services rendered during the war, etc.] Pp. 16. Secretary, Sri Guru Singh Sabha, Cháil. [31st August, 1917.] 8°, 1st editin. Free.	Wazi r-i-H i n d Press, Amritsar.	1,000
379	**Naurang Singh, Bhai.**—ਚਲੋ ਚਲੀਏ ਬਸਰੇ ਨੂੰ [**Chalo Chalie Basre nun.** Verses urging recruitment.] Pp. 8. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [24th July, 1917.] 8°, 1st edition. Price, 3 pies.	Punjab Commercial Press, Amritsar	3,000
380	——————ਨੌਕਰ ਦੀ ਨਾਰ [**Naukar di nar.** Verses encouraging recruitment.] Pp. 16. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [19th September, 1917.] 8.° 1st edition. Price, 1 anna.	Coronation Printing Works, Amritsar.	2,000
381	ਪ੍ਰਸੰਗ ਭਾਈ ਝਾਰੂ ਜੀ [**Prasang Bhai Jharu ji.** Story describing how Bhai Jharu served the people and went about doing good and ultimately became a Sikh by meeting Guru Hargobind.] Pp. 24. Khalsa Tract Society, Amritsar. [18th August, 1917.] 16°, 1st edition. Price, 1 anna.	Wazir-i-Hind Press, Amritsar.	1 225
382	**Rabbi Ram, Lala.**—ਪੱਤਲ **Pattal.** [Songs sung at marriage feasts.] Pp. 8. Published by the author, Katron, Patiála State. [2nd August, 1917.] 8°, 1st edition. Price, 6 pies.	Ditto	500

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383	**Rahim Bakhsh, M.**—ਕਾਮਨ ਦਿਲ ਗੁਦਾਜ਼ Kaman dil gudaz. Admonitory verses.] Pp. 8. Bhai Hardit Singh, Book-seller, Amritsar. [9th September, 1917.] 8°, 1st edition **Price, 3 pies.**	Coronation Printting Works, Amritsar.	1,000
384	**Rahim Bakhsh, Qazi.**—ਅਸਲੀ ਵੱਡਾ ਕਿੱਸਾ ਦਿਲ ਖ਼ੁਰਸ਼ੀਦ [Asli Wadda Qissa dil Khurshid. A love story.] Pp. 44. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [6th September, 1917.] 8°, R. **Price, 2 annas.**	Ditto ...	1,000
385	**Sada Ram, L.**—ਅਸਲੀ ਤੇ ਪੂਰਾ ਕਿੱਸਾ ਸੋਹਣੀ ਮਹੀਂਵਾਲ਼ [Asli te pura Qissa Sohni Mahinwal. The well-known love story of Sohni and Mahinwal.] Pp. 60. Bhai Basakha Singh, Book-seller, Lahore. [September, 1917.] 8°, 1st edition. **Price, 4 annas.**	Mufid-i-'Am Press, Lahore	5,000
386	**Santokh Singh, Bhai.**—ਦਪਤੀ ਦਰਪਨ ਅਰਥਾਤ ਇਸਤ੍ਰੀ ਭਰਤਾ ਦੇਫ਼ਰਜ਼ [Dampati darpan arthat Istri Bharta de farz. Verses on the mutual duties of wife and husband.] Pp. 8. Bhai Narain Singh, Book-seller, Lahore. [7th September, 1917.] 8°. oblong, 1st edition. **Price, 1 anna.**	Wazir-i-Hind Press Amritsar.	1,000
387	**Santokh Singh, Bhai.**—ਰੰਡੀ ਰੋਣਾ [Randi rona. On widow remarriage.] Pp. 8. Published by the author, Talwándi Bhagwán, District Amritsar. [16th September, 1917.] 8°, 1st edition. **Price, 6 pies.**	Coronation Printing Works, Amritsar.	500
388	ਸ਼ਿੰਗਾਰ ਲਾਨਤ [**Shangar lanat.** Against the wearing of ornaments.] Pp. 8. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [10th September, 1917.] 8°, 1st edition. **Price, 3 pies.**	Ditto ...	2,000
389	**Sohan Singh, Bhai.** ਅਥ ਪ੍ਰਸੰਗ ਬਾਬਾ ਬਕਾਲਾ ਸਾਹਿਬ ਜੀ [Ath prasang Baba Bakala Sahibji. An account of the way in which Guru Tegh Bahadur, the 9th Sikh Guru, manifested himself.] Pp. 12. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [16th September, 1917.] 8°, 1st edition. **Price, 6 pies.**	Ditto ...	1,000
390	**Tahl Das, Bawa.**—ਚੰਦੂ ਦੀ ਨੋਂਹ ਦਾ ਵਿਰਲਾਪ [Chandu di nonh da virlap. Bewailings of Chandu's daughter-in-law on the persecutions of Guru Arjan.] Pp. 24. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [17th September, 1917.] 8°, 1st edition. **Price, 1 anna.**	Ditto ...	2,000

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	PUNJABI—POETRY—CONCLUDED.		
391	**Tulsi Ram Singh, Gyani, Bhai.** ਧਰਮੀ ਬੀਰ ਅਰਥਾਤ ਸ਼ਹੀਦੀ ਭਾਈ ਮਨੀ ਸਿੰਘ ਜੀ [Dharmi Bir, Arthat Shahidi Bhai Mani Singh ji. An account of the martyrdom of Bhai Mani Singh, a well-known Sikh Martyr.] Pp. 45. Bhai Sundar Singh, Girdhari Lal, students, Khalsa High School, Gujránwála. [27th September, 1917.] 16°, 1st edition. **Price, 2 annas.**	Coronation Printing Works, Amritsar.	1,000
392	**Uttam Singh, Bhai.**—ਅਥ ਸੈਂਤੀਸ ਅੱਖਰੀ ਬ੍ਰਹਮ ਗਿਆਨ ਸੰਬੰਧੀ ਬੀਚਾਰ [Ath Saintis Akkhari brahm gyan sambandhi bichar. Vedantic poems.] Pp. 8. Published by the author, Dhotián, Amritsar District. [15th September, 1917.] 8°, 1st edition. **Free.**	Ditto	500
393	**Waryam Singh, Bhai.** ਅਲ੍ਹੜ ਨਾਰ ਨਾਰੀ ਦਾ ਪਖੰਡ ਸੰਢ ਨਾਰ [Allhar nar, nari da pakhand, sandh nar. Story of a young silly girl, verses on the viles of women, and a contest between a barren woman and her husband.] Pp. 48. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar. [18th July, 1917.] 8°, R. **Price, 1 anna.**	Punjab Commercial Press, Amritsar.	1,000
394	——————ਤੀਆਂ ਚੀਆਂ ਤੇ ਮੇਲਣਾਂ ਦੀਆਂ ਬੋਲੀਆਂ [Tian Chian te melnan dian bolian. Comic songs sung by women in the rainy season.] Pp. 40. [15th July, 1917.] 8°, R. **Price, 1 anna.**	Ditto	1,000
395	——————ਨਵਾਂ ਕਿੱਸਾ ਛੜਿਆਂ ਦੇ ਦੁਖਾਂ ਦੀਆਂ ਤੇ ਘੁੰਡ ਵਾਲੀ ਨਾਰ ਦੀਆਂ ਬੋਲੀਆਂ [Nawan Qissa Chharian de dukhan dian te ghund wali nar dian bolian. Comic songs.] Pp. 40. [19th July, 1917.] 8°, R. **Price, 1 anna.**	Ditto	1,000
	PUNJABI (IN THE PERSIAN CHARACTER)—POETRY.		
396	**Abdul Haq, Maulvi.**—هدایت مرشد [Hidayat-i-Murshid. Admonitory verses showing the importance of having a spiritual guide.] Pp. 8. Published by the author, Bagah Sharif, District Ferozepore. [30th September, 1917.] 8°, litho., 1st edition.	Roz Bazar Steam Press, Amritsar.	1,000
397	**Allah Dit, M.**—پیر حقانی [Pir-i-Haqqani. Verses in praise of author's spiritual guide.] Pp. 8. Published by the author, Sambariál, Siálkot District. [October, 1917.] 8°, litho., 1st edition. **Price, 1 anna.**	Naqshband Press, Siálkot City.	500
398	**Balmukand, Lala.**—گئیا کی رکھشیا [Gaya ki rakhshya. On cow protection.] Pp. 16. Pandit Kali Das, Shambhu Nath, Book-sellers, Gujránwála. [August, 1917.] 8°, litho, R. **Price, 6 pies.**	Mufid-i-'Am Press, Lahore.	1,000

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	PUNJABI (IN THE PERSIAN CHARACTER)— POETRY—CONTINUED.		
399	**Chira Ram, Pandit.**—قصہ پرہلاد بھگت [Qissa Prahlad Bhagat. The well-known story of the devotee prince Prahlad Bhagat] Pp. 32. Published by the author, Phagwára, Kapurthala State. [15th October, 1917.] 8°, litho., 1st edition. **Price, 1 anna and 6 pies.**	Kishan Press, Jullundur City.	600
400	**Fazal Shah, Syed.**—سوہنی مہینوال [Sohni Mahinwal. The well-known love story of Sohni and Mahinwal.] Pp. 38. J. S. Sant Singh & Sons, Book-sellers, Lahore. [August, 1917.] 8°, litho., R.	Mufid i-'Am Press, Lahore.	4,000
401	**Ghulam Muhi-ud-din, M.**—سی حرفی نذیر [Siharfi Nazir. Love verses.] Pp. 8. M. Shah Din, Book-seller, Lahore. [20th October, 1917.] 8°, litho., 1st edition. **Price, 6 pies.**	Gulzar-i-Muhammadi Steam Press, Lahore.	1,000
402	**Kadir Yar, M.**—مکمل قصہ پورن بھگت [Mukammal Qissa Puran Bhagat. The well-known story of Puran Bhagat.] Pp. 16. Lala Devi Das and Sons, Book-sellers, Amritsar. [3rd August, 1917.] 8°, litho., R. **Price, 1 anna.**	Wazir-i-Hind Press, Amritsar.	2,100
403	**Kali Das, Pandit.**—چرخہ نامہ کالیداس [Charkhanama Kali Das. Admonitory verses, with a collection of devotional and Vedantic verses by some other authors.] Pp. 24. Published by the author, Gujránwála. [August, 1917.] 8°, litho., R. **Price, 1 anna.**	Mufid-i-'Am Press, Lahore.	3,000
404	**Muhammad Ashraf, Syed.**—سی حرفی کشفیہ [Siharfi Kashfia. Love verses.] Pp. 8. Muhammad Hafiz Ullah, Quraishi, proprietor, Quraishi Book Agency, Lahore. [19th October, 1917.] 8°, litho., 1st edition. **Price, 6 pies.**	Gulzar-i-Muhammadi Steam Press, Lahore.	500
405	**Muhammad Ibrahim, Maulvi.** قدرت عجیبہ [Qudrat-i-Ajiba. Describes the resuscitation of an apparently dead woman and her account of the tortures to which infidels would be subjected in the hell.] Pp. 24. Sheikh Ata Muhammad, Book-seller, Lahore. [20th October, 1917.] 8°, litho., 1st edition. **Price, 2 annas.**	Ditto	1,000
406	**Nazir, M.** نوحہ جات پنجابی [Nauhahjat Punjabi. Verses on the martyrdom of Husain.] Pp. 8. Published by M. Zulfiqar Ali, Book-seller, Lahore. [18th October, 1917.] 16°, litho., R. **Price, 1 anna.**	Ditto	1,000

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	PUNJABI (IN THE PERSIAN CHARACTER)—POETRY—CONCLUDED.		
407	قصہ دل خورشید [Qissa dil khurshid. A love story.] Pp. 56. M. Maula Bakhsh and Sons, Book-sellers, Amritsar. [24th September, 1917.] 8°, litho., R. Price, 2 annas.	Wazir-i-Hind Press, Amritsar.	2,000
408	Roshan Din, M. اصلی قصہ حضرت جابر [Asli Qissa Hazrat Jabar. The story of Hazrat Jabar and other admonitory verses.] Pp. 31. M. Muhammad Muazzam, Book-seller, Lahore. [October, 1917.] 8°, litho., R. Price, 1 anna and 6 pies.	Public Steam Press, Lahore.	11,000
409	Rukan-ud-din, M. معشوق نامہ جدید [Mashuq namah jadid. Devotional verses.] Pp. 22. Published by the author, Alúwál, District Jullundur. [15th October, 1917.] 8°, litho., 1st edition. Price, 1 anna and 6 pies.	Kishan Press, Jullundur City.	250
410	Surasti Nath, Pandit حقہ نامہ [Huqqa Nama. Against smoking.] Pp. 8. Published by the author, Gujránwála. [August, 1917.] 8°, litho., R. Price, 3 pies.	Mufid-i-'Am Press, Lahore	2,400
	PUNJABI (IN HINDI CHARACTER)—POETRY.		
411	Milkhi Ram, Lala. जरमन को करतुत [German ki Kartut. Verses urging recruitment.] Pp. 8. Bhai J. S. Sant Singh, and Sons, Book-sellers, Lahore. [September, 1917.] 8°, R. Price, 3 pies.	Mufid-i-'Am Press, Lahore.	3,000
	PUNJABI—RELIGION.		
21	ਬਾਣੀ ਭਗਤ ਨਾਮ ਦੇਵ ਜੀ ਕੀ [Bani Bhagat Nam Dev ji ki. Selections from the Sikh Grantha *i. e.*, utterances of Bhagat Nam Dev ji.] Pp. 36. Lala Babu Ram and Sadhu Ram, tailors Jullundur City. [15th October, 1917.] 16°, R. Free.	Krishna Press, Jullundur City.	200
22	ਨਿਤ ਨੇਮ [Nitt nem. Readings from the Sikh Grantha for the morning and evening prayers.] Pp. 160. Lala Devi Das, Janki Das, Book-sellers, Amritsar. [6th August, 1917.] 16°, R. Price, 1 anna.	Wazir-i-Hind Press, Amritsar.	5,000
23	ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਜੀ ਵਿਚੋਂ ਬਾਈ ਵਾਰਾਂ ਸਟੀਕ [Sri Guru Granth Sahibji wichon bai varan satik. Selections from the Sikh Granth, with a commentary by Bhai Bishan Singh, Gyani.] Pp. 830. Published by the commentator, Khalsa College, Amritsar. [15th September, 1917.] 8°, 1st edition. Price, 1 Re. and 8 annas.	Sri Gurmat Press, Amritsar.	500

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	PUNJABI—RELIGION—CONCLUDED.		
24	ਸਵਾਲ ਤੇ ਜਵਾਬ [**Sawal te Jawab.** A simplified village catechism, etc.] Pp. 9. Christian Knowledge Society, Lahore. [October, 1917.] 8°, 1st edition. **Price, 6 pies.**	Bombay Press, Lahore.	500
25	ਜ਼ਬੂਰ [**Zabur.** A book of Psalms.] Pp. 16. British and Foreign Bible Society, Lahore. [October, 1917.] 16°, R. **Price, 1 anna.**	Ditto	3,000
	PUNJABI (SCIENCE)—MATHEMATICAL.		
	(Designed for educational purposes.)		
3	**Bishan Das, Puri, M.A., Bhai.** ਹਿਸਾਬ ਸਿਖਾਲਣ ਦਾ ਢੰਗ [**Hissab Sikhalan da dhang.** Hints on the teaching of arithmetic.] Pp. 87. Punjab Text-Book Committee, Lahore. [August, 1917.] 16°, 1st edition. **Free.**	Mufid-i-'Am Press, Lahore.	1,000
	SANSKRIT—MISCELLANEOUS.		
2	**Devi Dayal, Jyotishi.** तिथि पत्रिका सं. १९७५ [**Tithi Patrika Samvat 1975.** An almanac for the Samvat (year) 1975 Vikrami.] Pp. 64. Published by Lala Devi Das, Janki Das, Booksellers, Amritsar. [3rd October, 1917.] 8°, litho., 1st edition. **Price, 2 annas.**	Wazir-i-Hind Press, Amritsar.	5,250
3	**Trilok Chand, Jyotishi.** पञ्चाङ्ग रत्नम् सं० १९७५ [**Panchang Ratnam Samvat 1975.** Almanac for the Samvat (year) 1975 Vikrami.] Pp. 47. The author, Amritsar. [28th July, 1917.] 4°, 1st edition, litho. **Price, 2 annas.**	Roz Bazar Steam Press, Amritsar.	2,000
	SANSKRIT—POETRY.		
1	मलमास व्रत कथा [**Malmas Brat Katha.** The Sermon preached on the malmas (an intercalary or thirteenth Hindu month.] Pp. 12. Published by Pandit Nagar Ram, Amritsar. [2nd August, 1917.] 16°, 1st edition. **Price, 1 anna.**	National Press, Amritsar.	2,000
	SANSKRIT—RELIGION.		
2	अभिनव संकल्प विधान [**Abhinava Sankalpa Vidhan.** Hints on the performance of certain Hindu domestic rites, compiled by Pandit Hari Datta Trivedi.] Pp. 22. Pandit Rup Lal, Book-seller, Amritsar. [20th September, 1917.] 16°, 1st edition. **Price, 2 annas and 6 pies.**	Punjab Printing Works, Lahore.	400
	SINDHI—MISCELLANEOUS.		
3	**Jan Muhammad, M.** [illegible] [**Ilm-i-najum jo pahrian kitab.** A book of Astrology, Part I.] Pp. 80. Lala Phokar Das, Thanvar Das, Book-sellers, Sikhárpur. [September, 1917.] 8°, litho., R. **Price, 8 annas.**	Mufid-i-'Am Press, Lahore	1,000

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	SINDHI–POETRY.		
4	**Gulam Mahdi Shah, Syed.** قصہ جنگ خیبر [**Qissa Jang-i-Khaibar.** An account of Ali's battles with non-Muhammadans in the Khaibar Pass.] Pp. 58. Lala Shival Das, Thanvar Das, Book-sellers, Shikárpur. [September, 1917.] 8°, litho. R.	Mufid-i-'Am Press, Lahore.	1,000
	SINDHI–RELIGION.		
2	تحفۃ الاسلام حصہ دوم [**Tuhfat-ul-Islam, Hissa-i-duwum.** Certain tenets of Islam such as prayers, ablutions, etc.] Pp. 48. Lala Shival Das, Thanvar Das Book-sellers, Shikárpur. [September, 1917.] 8°, litho., R.	Mufid-i-'Am Press, Lahore.	1,000
	URDU–ART.		
5	جوہر ہارمونیم [**Jauhar-i-Harmonium.** A Harmonium guide, compiled by Babu Kishori Lal, Gauhar, Lahore.] Pp. 72. Bhai Daya Singh and Son, Book-sellers, Lahore. [October, 1917.] 8°, litho. R., **Price, 1 rupee.**	Mufid-i-'Am Press, Lahore.	500
6	**Madan Mohan Lal, B. Sc., Lala.** پنجاب میں ریشم کے کیڑے پالنے کے لئے ہدایات [**Punjab men resham ke kire palne ke liye hidayat.** Instructions for the rearing of silkworms in the Punjab.] Pp. 33. Director of Agriculture, Punjab, Lahore. [October, 1917.] 8°, litho., 1st edition. **Price, 3 annas.**	Ditto	1,000
7	**Rura Mal, Lala.** پارس [**Paras.** On various arts and industries, such as soap-making, hair oils, scents, inks, depilatories, and jams, etc.] Pp. 208. Published by the author, Nandachaur, District Hoshiárpur, and Ludhiána City. [October, 1917.] 16°, litho., 1st edition. **Price, 1 Rupee and 8 annas.**	Union Steam Press, Lahore.	1,000
8	شعبدات فرنگ [**Shuhadat-i-Farang.** A pamphlet describing various jugglery tricks and how to perform them.] Pp. 34. Hakim Ram Kishan, Book-seller, Lahore. [October, 1917.] 8°, litho, 1st edition. **Price, 1 rupee.**	Public Steam Press, Lahore.	1,000
	URDU–BIOGRAPHY.		
15	**Amjad Husain Khan, M.** سوانح عمری حضرت عثمان خلیفہ سوم [**Swanih Umri Hazrat Usman Khalifa-i-Suwum.** Life of Hazrat Usman, the 3rd Caliph.] Pp. 32. Hakim Ram Kishen, Book-seller, Lahore. [October 1917.] 8°, litho., 1st edition. **Price, 2 annas.**	Public Steam Press, Lahore.	1,000
16	مہر نبوت [**Muhr-i-Nabuwwat.** A glimpse of the life of Prophet Muhammad.] Pp. 40. Compiled and published by Qazi Muhammad Suleman, Mansúrpur. [24th August, 1917.] 16°, litho., 3rd edition.	Bilali Steam Press, Sadhaura.	2,000

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	URDU-BIOGRAPHY—CONCLUDED.		
17	سوانح عمری حضرت محمد صاحب بانی اسلام [**Sawanih Umri Hazrat Muhammad Salaam Sahib bani-i-Islam.** Life of the Prophet Muhammad, by Shraddheya Prakash Dev.] Pp. 132. Lala Ram Narain Gupta, B.A., LL.B., 2nd Master, Dayal Singh High School, Lahore. [November, 1917.] 16°, litho., R. Price bound copy, 8 annas, unbound, 6 annas.	George Steam Press, Lahore.	2,000
	URDU—DRAMA.		
9	**Gurmukh Singh, Monga, Bar-at-Law.** سرکار بنام جرمنی داس و آسٹریا مل [**Sarkar banam Germany Das wa Austria Mal, Crown versus Germany Das and Austria Mal (a one act War Drama.)**] Pp. 12. Published by the author, Jullundur. [15th October, 1917.] 16°, litho., 1st edition.	Kishen Press, Jullundur City.	200
10	**Muhammad Agha, Hashar.** کٹورہ بھر خون عرف زہری سانپ [**Katora bhar khun urf zahri samp.** How a servant of the king of Oudh came by his doom for the treacherous murder of his master.] Pp. 88. Bhai Daya Singh and Son, Book-sellers, Lahore. [October, 1917.] 8°, litho., R. Price, 1 rupee and 8 annas.	Mufid-i-'Am Press, Lahore.	500
11	———————— کنگ جان عرف صید ہوس [**King John, urf said-i-Hawas.** Previous edition noted in entry No. 15 at page 31 of the catalogue for the quarter ending 31st December, 1916.] Pp. 104. [October, 1917.] 8°, litho., R. Price, 1 rupee.	Ditto	500
12	**Muhammad Shah Agha, Hashar.** تصویر وفا عرف یہودی کی لڑکی [**Taswir-i-wafa urf yahudi ki larki.** A love story.] Pp. 72. Bhai Daya Singh and Son, Book-sellers, Lahore. [October, 1917.] 16°, litho., R. Price, 8 annas.	Ditto	500
	URDU—FICTION.		
9	بھرت ملاپ [**Bhart milap.** An Urdu rendering by Prakash Dev of a Bengali original of the same name giving the story of Rama's exile, his return to Ayodhya and his reception by Bharat.] Pp. 76. Shraddeya Prakash Dev, Lahore. [November, 1917.] 16°, litho., R. Price, 5 annas.	George Steam Press, Lahore.	500
10	**Hukam Chand, Lala.** مہارانی رکھب سین [**Maharani Rikhab Saina.** A novel describing the life of Rikhab Saina, a well-known Jain saint, wife of Raja Ugar Sain, showing that all the evil and good that befall a man in this life are the results of his past deeds.] Pp. 48. Published by the Secretary Shri Atmanand Jain Tract Society, Ambála city. [12th October, 1917.] 16°, litho., 1st edition. Price, 1 anna.	Bilali Steam Press, Sadhaura.	1,000

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	URDU—HISTORY. *(Designed for educational purposes.)*		
7	ای مارسڈن صاحب کی تاریخ ہند کا بطور سوال و جواب خلاصہ حصہ اول [**E. Marsden sahib ki tarikh Hind ka bataur sawal wa jawab khulasa, Hissa-i-Awwal.** A catechism of Marsden's History of India, compiled by M. Aziz Rai, Kishanpur Kalán.] Pp. 100. Shaikh Ghulam Ali, Book-seller, Lahore. [November, 1917.] 16°, litho., 1st edition.	George Steam Press, Lahore.	1,000
	URDU—LANGUAGE. *(Designed for educational purposes.)*		
40	جارج اردو پرائمر جدید [**George Urdu primer Jadid.** An Urdu primer.] Pp. 16. S. S. Zamindar, Proprietor, Zamindar Book Depôt, Siálkot. [September, 1917.] 16°, litho., 1st edition. Price, 6 pies.	Mufid-i-'Am Press, Lahore	2,000
41	انشاء اردو [**Insha-i-Urdu.** An Urdu letter-writer, compiled by M. Karim-ud-din, late Inspector of Schools.] Pp. 52. Shaikh Barkat Ali, Mohsin Ali, Book-sellers, Lahore. [November, 1917.] 16°, litho., 1st edition.	George Steam Press Lahore.	1,000
	(Designed for educational purposes.)		
42	نیا سلسلہ اردو کا قاعدہ با تصویر [**Naya Silsila, Urdu ka Qaida ba taswir.** New series, Urdu primer, illustrated, compiled by M. Sultan Ahmad.] Pp. 32. Diwan Wazir Singh and Sons, Booksellers, Peshawar. [October, 1917.] 16°, litho., R. Price, 11 pies.	Mufid-i-'Am Press, Lahore.	4,000
	(Designed for educational purposes.)		
43	نصاب فارسی کا اردو ترجمہ [**Nisab Farsi ka Urdu Tarjama.** An Urdu rendering of the new Matriculation Persian course, by M. Muhammad Iqbal and Hakim-ud-din.] Pp. 257. Shaikh Shahab-ud-din, Shuja-ud-Din, Book-sellers, Hoshiarpur. [August, 1917.] 16°, litho., R. Price, 12 annas.	Ditto	2,250
	(Designed for educational purposes.)		
44	نصاب فارسی حصہ نظم [**Nisab Farsi Hissa-i-Nazam.** An Urdu rendering of the poetical portion of the Matriculation Persian course.] Pp. 136. Compiled and published by M. Muhammad Hafiz, teacher, Islamia School, No. 1. [15th October, 1917.] 16°, litho., 1st edition. Price, 6 annas.	Gulzar-i-Muhammadi Steam Press, Lahore.	500
	(Designed for educational purposes.)		
45	سلسلہ رہنمائے اسلام کی دوسری کتاب [**Silsila Rahnuma-i-Islam ki dusri kitab.** A second reader for Muhammadan Schools, compiled by M. Muhammad Nur-ud-din.] Pp. 32. M. Ghulam Mustafa, Book-seller, Lahore. [15th October, 1917.] 16°, litho, R. Price, 3 annas.	Ditto.	500

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	URDU—LANGUAGE—CONCLUDED.		
	(Designed for educational purposes.)		
46	اردو ترجمہ نصاب فارسی جدید [**Urdu tarjama, Nisab Farsi, jadid.** An Urdu translation of the Matriculation Persian Course, by M. Harnam Singh.] Pp. 244. Lala Devi Das & Sons, Book-sellers, Amritsar. [25th October, 1917.] 16°, litho., 2nd edition. Price, 12 annas.	Wazir-i-Hind Press, Amritsar.	1,050
	URDU—LAW.		
23	رسالہ قانون فوجداری [**Risala Qanun Faujdari.** An extract from the Police Act, Indian Penal Code and Criminal Procedure Code and Police rules intended for the guidance and use of the literate constables of the Gurdáspur District.] Pp. 108. M. Firoz-ud-did (under the directions of A. H. Marshal, Esquire, Superintendent, Police) Gurdáspur. [December, 1917.] 8°, litho., 1st edition.	Ziaul Islam Press, Qádián.	250
24	شرح قانون ایکٹ انتقال اراضی [**Sharah qanun Act intiqal-i-arazi.** A commentary on the Land Alienation Act, compiled by S. Diwan Chand, Revenue Assistant, Patiála, under the supervision of Diwan Bahadur S. Daya Kishan Kaul C.I.E., Foreign and Financial Secretary, Patiala State.] Pp. 5[illegible]. Published by the Patiála State. [15th October, 1917.] 8°., litho., 1st edition. Price, 8 annas.	Gulzar-i-Muhammadi Steam Press, Lahore.	1,500
	URDU—MEDICINE.		
14	**Ghulam Nabi, M.** مکمل گنجینۂ طبیب [**Mukammal Ganjina-i-Tabib** A book dealing with the diagnosis and treatment of various diseases, also containing the names of various medicines with English, Arabic and Persian equivalents and their actions. Pp. 316. M. Ghulam Mohi-ud-din, Book-seller, Lahore. [August, 1917.] 8°, R. Price, 1 rupee and 4 annas.	Mufid-i-'Am Press, Lahore.	2,000
15	ہیضہ [**Haiza.** A pamphlet on Cholera, its causes and prevention, compiled by Dr. B. K. Mitra.] Pp. 8. The Society for Promoting Scientific Knowledge, Lahore. [October, 1917.] 16°, litho., R. Free.	Union Steam Press, Lahore.	1,000
16	**Lachhmam Prashad, Sufi**—جوگی کا سرمایۂ زندگی [**Jogi ka sarmaya-i-zindgi.** A pamphlet on sexual diseases and debility with their treatment by tried specifics.] Pp. 28. Published by the author, Editor, *Mastana Jogi* Ferozepore City. [16th November, 1917.] 8°, litho., 1st edition. Free.	Bijli Press, Ferozepore City.	500
17	ملیریا یعنی فصلی بخار یا موسمی بخار [**Malaria yani fasli bukhar ya mausmi bukhar.** A pamphlet on Malaria and its prevention, compiled by Dr. B. K. Mitra.] Pp. 8. The Society for Promoting Scientific knowledge, Lahore. [October, 1917.] 16°, litho., R. Free.	Union Steam Press, Lahore.	1,000
18	موتیوں کی کان [**Motiyon ki kan.** Hints on the treatment of various diseases by tried specifics.] Pp. 32. Bakhshi Hakim Rai, Hakim, Ráwalpindi. [September, 1917.] 16°, litho., 1st edition. Price, 1 anna.	Mufid-i-'Am Press, Lahore.	1,000

Catalogue of Books registered in the Punjab under Act XXV of 1867 *and Act X of* 1890 *during the quarter ending the* 31*st December*, 1917 —continued.

1	2	3	4
Serial No.	Author and title, brief subject including the age of the book where the same is obscure, number of pages, publisher and place of publication, date given on the title page with the name of the era—when other than the Christian era,—date of issue from the press or of publication, size, edition and price.	Printer and place of printing.	Number of copies.
	URDU—MEDICINE—CONCLUDED.		
19	**Muhammad Ibrahim Ali Khan, Maulavi**— مخزن الکیمیا جزو اول المسمی بہ نبات روح حصہ سوم [**Makhzan-ul-Kimiya Juzwi Awwal almasuma ba Nabat Ruhi, Hissa-i-Suwum.** A detailed description of the preparation of medicines, and their properties and the chemical processes involved. Pp. 8, 319, 7. Hakim Muhammad Bakhsh, Jullundur Cantonment. [16th September, 1917.] 8°, litho., 1st edition. Price, 4 rupees.	Bilali Steam Press, Sadhaura.	500
20	پلیگ اور اس سے بچنے کی تدبیر [**Plague aur us se bachne ki tadbir.** Plague and how to avoid it: a pamphlet compiled by Dr. Diwan Jai Chand. Illustrated.] Pp. 16. The Society for Promoting Scientific Knowledge, Lahore. [October, 1917.] 16°, litho., R. Free.	Union Steam Press, Lahore.	1,000
21	کونین [**Quinine.** A pamphlet on the advantages of quinine, giving instructions for its use, etc.] Pp. 8. Shaikh Azmat Ullah, Gujrat. [November, 1917.] 8°, litho., 1st edition. Free.	George Steam Press, Lahore.	500
22	تپ دق سے بچو اور اوروں کو بچاؤ [**Tapdiq se bacho aur auron ko bachao.** Consumption and its prevention, a pamphlet compiled by Dr. Raj Kishore Kikar. Illustrated.] Pp. 16. The Society for Promoting Scientific Knowledge, Lahore. [October, 1917.] 16°, litho., R. Free.	Union Steam Press, Lahore.	1,000
	URDU—MISCELLANEOUS.		
136	امرت پان حیرت انگیز نظارے [**Amritpan hairat angez nazare.** A collection of moral and religious essays based on the observation of every day phenomena and occurrences.] Pp. 128. Compiled and published by Lala Khushhal Chand Khursand, Editor, *Arya Gazette*, Lahore. [August, 1917.] 16°, litho., 1st edition. Price, 6 annas.	Mufid-i-'Am Press, Lahore.	1,000
137	انجمن ترقی تعلیم امرتسر [**Anjuman Taraqqi-i-Talim, Amritsar.** Report of the seventh anniversary of the Anjuman Taraqqi-i-Talim, held at Amritsar on 24th and 25th February, 1917.] Pp. 60. Published by Shaikh Muhammad Umar, B. A., Barrister-at-Law, Honorary Secretary, Amritsar. [30th September, 1917.] 8°, litho., 1st edition. Free.	Rozbazar Steam Press, Amritsar.	300
138	اپیل [**Appeal.** An appeal for recruitment in the army, made by Khan Sahib Khawaja Gul Muhammad Khan, Pleader, Ferozepore, to the Muhammadans of the District.] Pp. 4. Khan Sahib Khawaja Gul Muhammad Khan, Secretary, Muslim Recruiting Committee, Ferozepore City. [18th October, 1917.] 8°, litho., 1st edition. Free.	Gulzar-i-Muhammadi Steam Press, Lahore.	500

Catalogue of Books registered in the Punjab under Act XXV of 1867 *and Act X of* 1890 *during the quarter ending the* 31st *December*, 1917—continued.

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	URDU—MISCELLANEOUS—CONTINUED.		
139	اپیل [**Appeal.** An appeal issued by Khwaja Gul Muhammad Khan, Pleader, Secretary, Muslim Recruiting Committee, Ferozepore, asking the Muhammadans to join the army.] Pp. 8. Published by the Muslim Recruiting Committee, Ferozepore city. [August, 1917.] 8°, litho., 1st edition. **Free.**	Bijli Press, Ferozepore.	500
140	اصلی قانونی ڈائری سنه ۱۹۱۸ء [**Asli Qanuni Diary, 1918.** Diary for 1918, with rules for writing deeds, bonds and general legal information.] Pp. 368, 96. Compiled by Bhai Sujan Singh and Shankar Das, Lahore. [September, 1917.] 32°, litho., 1st edition. **Price, 6 annas.**	Mufid-i'-Am Press, Lahore.	8,000
141	——— Pp. 368, 80. [September, 1917.] 16°, litho., 1st edition. **Price, 8 annas.**	Ditto	4,000
142	——— 384, 96, 385—416. notices. Lala Devi Das & Sons, Book-sellers, Amritsar. [September, 1917.] 32°, litho., 1st edition. **Price, 6 annas.**	Ditto	4,000
143	باب دوئم پولیس کو جرائم کی سراغ رسانی میں نشانات انگشت کے طریق کو استعمال کرنے کی ہدایات [**Bab doyam Police ko jaraim ki suragh rasani men nishanat-i-angust ke tariqe ko istimal karne ki hidayat.** Instructions for the use of finger prints for tracing crimes, chapter II.] Pp. 6. Superintendent, Government Printing, Punjab, Lahore. [October, 1917.] 4°, litho., 1st edition.	Ditto	1,000
144	چوتھی رپورٹ سالانہ شری آتما نند جین سکول و شری آتما نند جین کنیا پاٹھ شالہ و شری آتما نند جین سبھا انبالہ شہر از یکم اکتوبر سنہ ۱۹۱۶ء لغایت ۳۰ ستمبر سنہ ۱۹۱۷ء [**Chauthi Report salana Shri Atma Nand Jain School wa Shri Atma Nand Jain Kanya Pathshala wa Shri Atma Nand Jain Sabha, Ambala shahr, az yakum October, 1916, laghayat 30 September, 1917.** Fourth annual report of Shri Atma Nand Jain Schools for boys and girls and Sabha, Ambála City from 1st October, 1916, to 30th September, 1917.] Pp. 20. Published by the Assistant Secretary Shri Atma Nand Jain Sabha, Ambála City. [20th November, 1917.] 8°, litho., 1st edition. **Free.**	Bilali Steam Press, Sadhaura.	1,000
145	**Devi Dyal, Lala, Rai Sahib.**—آئینہ ہمدردی [**Aina-i-Hamdardi.** An account of the philanthropic work done by the St. John Ambulance Association.] Pp. 52. Published by the author, Assistant General Secretary, District War Association, Gurdáspur. [September, 1917.] 16°, litho., 1st edition.	National Press, Amritsar.	700
146	دل لگی کا بستہ المعروف نصیحتوں کا گلدستہ [**Dil lagi ka basta, almaruf nasihaton ka guldasta.** A collection of moral and social precepts.] Pp. 16. Compiled by Lala Nathu Ram and published by Sri Atma Nand Jain Sabha, Ambála City. [25th August, 1917.] 8°, litho., 2nd edition. **Price, 1 anna.**	Bilali Steam Press, Sadhaura.	1,000

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	URDU—MISCELLANEOUS—CONTINUED.		
147	**Diwan Chand, Pandit.**— مردہ پتروں کے لیٹر بکس یعنی مرتک شرادھ کھنڈن [**Murda pitron ke letter box yani mritak shraddh khandan.** Against the "Shraddha" ceremony.] Pp. 8. Published by the author, Manager, Prabhakar Pustakalaya, Lahore. [October, 1917.] 16°, litho., 1st edition. Price, 3 pies.	Public Steam Press, Lahore.	1,000
148	گلشن عالم جنتری سنہ ۱۹۱۸ [**Gulshan-i-Alam jantri, 1918.** An almanac for 1918.] Pp 94. Lala Devi Das and Sons, Book-sellers, Amritsar. [3rd October, 1917.] 8°, litho., 1st edition. Price, 2 annas.	Wazir-i-Hind Press, Amritsar.	10,500
149	ہندو سرونگ کلب انبالہ چھاؤنی [**Hindu Serving Club, Ambala Chhawani.** Aims and objects of the Hindu Serving Club established at Ambála Cantonment on 1st April, 1917.] Pp. 4. Hindu Serving Club, Ambála Cantonment. [4th October, 1917.] Foolscap size, litho., 1st edition. Free.	Banarsi Das Press, Ambála.	200
150	حکم موٹر ٹرانسپورٹ کے ان ڈرائیوروں کے لئے جو ہندوستان میں کام کریں [**Hukm Motor transport ke un driveron ke liye jo Hindustan men kam karen.** Instructions for Motor transport drivers working in India.] Pp. 26. The Chief of the General Staff, Army Head-quarters, Simla. [October, 1917.] 6°, 1st edition. Price, 5 annas. *(Designed for educational purposes.)*	Mufid-i-Am Press, Lahore.	5,250
151	جدید جغرافیہ ہند [**Jadid Jughrafia-i-Hind.** A revised Geography of India.] Pp. B. Hari Singh and Sons, Book-sellers, Jullundur City. [2nd October, 1917.] 16°, litho., R. Price, 7 annas.	Wazir-i-Hind Press, Amritsar.	1,000
152	جوہر عالم جنتری سنہ ۱۹۱۸ ع [**Jauhar-i-Alam Jantri, 1918.** An Almanac for 1918.] Pp. 66. B. Jawahir Singh and Co., Book-sellers, Amritsar. [29th October, 1917.] 8°., litho. 1st edition. Price, 2 annas. *(Designed for educational purposes.)*	Ditto.	5,125
153	جغرافیہ ہند بطرز جدید [**Jughrafia Hind batarz Jadid.** A revised Geography of India, compiled by M. Lal Din.] Pp. B. Hari Singh and Sons, Book-sellers, Jullundur city. [2nd October, 1917.] 16°, litho., R. Price, 4 annas.	Ditto.	1,000

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1	2	3	4
Serial No.	Author and title, brief subject including the age of the book where the same is obscure, number of pages, publisher and place of publication, date given on the title page with the name of the era—when other than the Christian era,—date of issue from the press or of publication, size, edition and price.	Printer and place of printing.	Number of copies.
	URDU—MISCELLANEOUS—CONTINUED. *(Designed for educational purposes.)*		
154	جغرافیہ ضلع سیالکوٹ اور اصطلاحات جغرافیہ [**Jughrafia Zila Sialkot aur istilahat-i-Jughrafia.** Geography of the Siálkot District with geographical terms.] Pp. 32. Compiled and published by Lala Lachhman Das, teacher, Ganda Singh High School, Siálkot. [August, 1917.] 16°, litho., R. **Price, 2 annas.**	Mufid-i-'Am Press, Lahore.	1,000
155	کیفیت سال پنجاہ و دوم مدرسہ عربیہ اسلامیہ مظاہر علوم شہر سہارنپور [**Kaifiyat sal panjah wa duwum madrasa-i-Arabiya Islamia Mazahir ulum shar Saharanpur.** Proceedings of the 52nd anniversary of the school for teaching Arabic at Sahárانpur.] Pp. 144. Published by the school authorities, Sahárانpur. [12th September, 1917.] 8°, litho., 1st edition.	Bilali Steam Press, Sadhaura.	1,050
156	کنواں [**Kunwan.** A description of the different kinds of wells used for irrigation purposes with instructions for their sinking, etc., illustrated.] Pp. 32 and 7 illustrations. Lala Nand Lal, Overseer, P. W. D., Ambála. [October, 1917.] 16°, litho, 1st edition.	Mufid-i-'Am Press, Lahore.	1,000
157	مشین گن ٹریننگ (پارٹ ۱) کے بعض حصے جن میں لوئس گن کی سکھلائی درج ہے (پہلا حصہ) [**Machine Gun Training (Part 1) ke baz hisse jin men Lewis Gun ki sikhlai darj hai (Pahla Hissa).** Extracts of advanced copy of Machine Gun Training, Part I, dealing with instruction in Lewis Gun. Part I.] Pp. 16. Superintendent Government Printing, India, Calcutta. [September, 1917.] 16°, litho., 1st edition.	Ditto	1,000
158	[**Makhan Singh, Bhai.** ہندوستانیوں کو مبارکبادی [**Hindustanion ko mubarakbadi.** A pamphlet urging enlistment in the army.] Pp. 16. Published by the author, Handal, District Lahore. [November, 1917.] 8°, litho., 1st edition. **Free.**	George Steam Press, Lahore.	500
159	منظور عالم جنتری . سنہ ۱۹۱۸ ع [**Manzur-i-Alam Jantri, 1918.** An Almanac for 1918.] Pp. 8°. Compiled and published by M. Muhammad-ud-Din, Gharib, Amritsar. [30th September, 1917.] 8°., litho., 1st edition.	Roz Bazar Steam Press, Amritsar.	2,000
160	**Muhammad Shah, Pirzada.**—العلم والاسلام [**Al Ilm wal Islam.** Contrasts the present undesirable condition and ignorance of the Muhammadans with their past greatness and achievements with a view to awaken them to their duty as regards the amelioration of the community by the acquisition of Western Knowledge.] Pp. 64. Published by the author of Dera Ismail Khan. [20th October, 1917.] 8°., litho., 1st edition. **Price, 4 annas.**	Gulzar-i-Muhammad Steam Press, Lahore.	500
161	مفید عام جنتری سنہ ۱۹۱۸ ع [**Mufid-i-'Am Jantri 1918.** Almanac for 1918.] Pp. 52. Rai Sahib Munshi Gulab Singh and Sons, Lahore. [September, 1917.] 8°, litho., 1st edition.	Mufid-i-'Am Press, Lahore.	10,000

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	URDU—MISCELLANEOUS—CONCLUDED.		
162	**Muhammad Ashraf Ali. M.**— بہشتی زیور **[Bahishti Zewar.** Lessons on various subjects for women, *i. e.*, elementary Urdu reading, letter-writing, religious and moral stories, etc.] Pp. 64. Shekh Haji Zain-ud-Din Ahmad and Rashid Ahmad, Book-sellers, Sahâranpur. [16th September, 1917.] 8°., litho., 1st edition.	Bilali Steam Press, Sadhaura.	1,000
163	**Muhammad Usman, M.**— اکسیر الاحمر فی اسرار الجفر، حصہ دویم **[Aksir ul ahmar fi asrar-ul-Jafr, Hissa-i-Doyam.** A book on astrology.] Pp. 108. M. Pokhar Das, Thanwar Das, Book-sellers, Shikárpur. [October, 1917.] 8°, litho., R. **Price, 10 annas and 6 pies.**	Mufid-i-'Am Press, Lahore.	1,000
164	مختصر رپورٹ مدرسہ اسلامیہ امرتسر **[Mukhtasar Report, madrasa Islamia, Amritsar.** Annual report of madrasa Islamia, Amritsar, for the years April 1916-17 and 1917-18.] Pp 9. Published by the school authorities, Amritsar. [28th July, 1917.] 4°, litho., 1st edition. **Free.**	Roz Bazar Steam Press, Amritsar.	150
165	مختصر رپورٹ یتیم خانہ مظفرگڑھ بابت سال دہم **[Mukhtasar report, Yatimkhana, Mazaffargarh, babat sal dahum.** Annual report of the Muzaffargarh orphanage from 1st Baisakh to the end of Chet, 1973.] Pp. 26. Published by the Managing Committee of the Orphanage, Muzaffargarh. [October, 1917.] 8°, litho., 1st edition. **Free.**	Mufid-i-' Am Press, Lahore.	3,000
166	نقش سلیمانی اندر جال معہ ضمیمہ **[Naqsh-i-Sulemani indar jal samet.** A book of charms and amulets.] Pp. 104. M. Pokhar Das, Thanwar Das, Book-sellers, Shikárpur [October, 1917.] 8°, litho., R. **Price, 9 annas and 6 pies.**	Ditto	1,000
167	نوٹس جغرافیہ ہند **[Notes, Jughrafia-i-Hind.** A catechism of the Geography of India, for 5th Upper Primary and Middle classes, compiled by Pandit Wadhawa Ram, teacher, Anglo-Sanskrit School, Aláwalpur, Jullundur District.] Pp. 82. Published by the compiler, Alawalpur. [October, 1917.] 16°, litho., 1st edition. **Price, 4 annas.**	Union Steam Press, Lahore.	2,000
168	پہاڑ کی لڑائی اور پلٹن نمبر ۴۶ پنجابیز کے لئے فیلڈ سروس سٹینڈنگ آرڈر **[Pahar ki larai aur paltan No. 46 Punjabis ke liye Field Service Standing Order.** Instructions regarding mountain warfare and Field Service Standing Orders for the 46th Punjabis.] Pp. 120. Adjutant, 46th Punjabis, Naushera Cantonment. [September, 1917.] 16°, litho., 1st edition.	Mufid-i-'Am Press, Lahore.	2,000
169	پرکاش عالم جنتری سنہ ۱۹۱۸ ع **[Parkash Alam Jantri, 1918.** An almanac for 1918.] Pp. 42. Pandit Shivdatt Lal, Book-seller, Lahore. [October, 1917.] 8°, litho., 1st edition.	Ditto	2,000

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	URDU—MISCELLANEOUS—CONCLUDED.		
170	رپورٹ شری ہری ناٹک و شری ہری سیوک سبھا شہر فیروزپور [**Report shri Hari Natak wa Shri Hari Sewak Sabha Shahr Firozepore** A report on the working of Shri Hari Natak and Shri Hari Sewak Sabha, Ferozepore City, from 20th November, 1912, to 14th August, 1917, with the President's biographical sketch.] Pp. 31. Pandit Shivdarshan Das, B.A., LL.B., Pleader, Ferozepore City. [18th October, 1917.] 8°, litho., 1st edition. **Free.**	Gulzar-i-Muhammadi Steam Press, Lahore.	200
171	**Sana Ullah, Abul Wafa, Maulvi.**—مرقع قادیانی [**Muraqqa-i-Qadiani.** A refutation of the claims and prophecies of the late Mirza Ghulam Ahmad of Qadián.] Pp. 64. Published by the author, Amritsar. [30th September, 1917.] 8°, litho., 1st edition. **Price, 4 annas.**	Roz Bazar Steam Press, Amritsar.	1,000
172	شیخ چلی کی کہانیاں [**Shaikh Chilli ki Kahanian.** An Urdu translation of an English original "Folk Tales of India."] Mutadayyan Book Agency, Lahore. [November, 1917.] 16°, litho., 1st edition. **Price, 8 annas.**	George Steam Press, Lahore.	500
173	ترمیم شدہ لگ پدتی [**Tarmim shudah lag paddti.** A schedule of wages fixed for family priest, barber and other menials on the occasion of birth, death and marriage, etc., among the "Charzati" Khatri Community, Lahore.] Pp. 18. Published by the Secretary, Khatri "Charzati" community, Lahore. [October, 1917.] 8°, litho., 1st edition. **Price, 1 anna.**	Mufid-i-'Am Press, Lahore.	1,000
174	زمرد کریم النجوم [**Zamurrad Karim-un-najum.** A book on astrology and astronomy, compiled by Hakim Karim Bakhsh, Appeal-writer, Chief Court, Punjab, Lahore.] Pp. 248. Malik Ghulam Muhammad, Book-seller, Lahore. [November, 1917.] 8°, litho., R. **Price, 1 rupee and 8 annas.**	George Steam Press, Lahore.	1,000
	URUU—POETRY.		
82	**Altaf Ali Shah, Syed.** زنجیر ماتم [**Zanjir-i-matam.** Verses on the martyrdom of Hussain.] Pp. 12. Published by the author, Lahore. [18th October, 1917.] 16°, litho., 1st edition. **Free.**	Gulzar-i-Muhammadi Steam Press, Lahore.	500
83	**Fazl Muhammad, Syed.**—شعلۂ نور [**Shula-i-Nur.** A miracle of Ali.] Pp. 8. Published by the author, Masit (Kapurthala State). [23rd August, 1917.] 8°, litho., 1st edition. **Price, 6 pies.**	Silcock Press, Amritsar.	275
84	**Habib Ullah, Pirzada.**—نغمۂ جنگ [**Naghma-i-Jang.** Verses encouraging recruitment, etc.] Pp. 16. Pir Akbar Ali, Pleader, Ferozepore. [18th October, 1917.] 16°, litho., 1st edition. **Free.**	Gulzar-i-Muhammadi Steam Press, Lahore.	500

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	URDU—POETRY—continued.		
85	هری بهجن المعروف گلشن بهجن [Hari Bhajan almaruf Ghulshan Bhajan. Devotional hymns, etc.] Pp. 32. Lala Devi Das & Sons, Book-sellers, Amritsar. [8th August, 1917.] 8°, litho., R. Price, 1 anna.	Wazir-i-Hind Press, Amritsar.	2,100
86	**Inayat, M.**—شجرہ چشتیہ خاندان [**Shajra Chishtia Khandan.** A pedigree table of the Chishti sect of Sufi saints.] Pp. 8. Hakim Abdul Qadir, Book-seller, Lahore. [19th October, 1917.] 16°, litho., R. Price, 6 pies.	Guzlar-i-Muhammadi Steam Press, Lahore.	500
87	**Muhammad Islam, Shaikh.**—مفید المومنات [**Mufidul Mominat.** Verses advising women to obey their husbands.] Pp. 8. Shaikh Haji Zain-ud-Din Ahmad and Rashid Ahmad, Book-sellers, Saháranpur. [11th October, 1917.] 8°, litho., 1st edition.	Bilali Steam Press, Sadhaura.	1,000
88	——— ——— ——— ———.] Pp. 8. Shaikh Muhammad Yamin, Book-seller, Saháranpur. [11th October, 1917.] 8°, litho., 1st edition.	Ditto	1,000
89	**Muhammad Akbar Ali, Shaikh.**—عرضی صنم [**Arzi sanam.** Love verses.] Pp. 8. Shaikh Muhammad Yamin, Book-seller, Saháranpur. [11th October, 1917.] 8°, litho., 1st edition.	Ditto	1,000
90	**Muhammad Qasim, B.**—نامہ یتیم [**Nama-i-Yatim.** Verses on the pitiable condition of orphans.] Pp. 8. Published by the Anjuman-i-Naumania, Lahore. [18th October, 1917.] 8°, litho. Free.	Gulzar-i-Muhammadi Steam Press Lahore.	500
91	**Muhammad Akbar.** اصلی دیوان اکبر [**Asli Diwan-i-Akbar.** Verses in praise of the Prophet Muhammad.] Pp. 78. M. Muhammad Yamin, Book-seller, Saháranpur. [4th September, 1917.] 8°, litho., R. Price, 4 annas.	Bilali Steam Press, Sadhaura	1,000
92	**Mushtaq, M., and others.** جاگو پیا ہمارے تم کو جگانے آئی [**Jago piya hamare tum ko jagane ai.** Love verses.] Pp. 16. M. Maula Bakhsh, Kushta, Book-seller, Amritsar. [28th July, 1917.] 8°, litho., R. Price, 2 annas.	Rozbazar Steam Press, Amritsar.	2,000
93	نجات المومنین مع دعاۓ مستجاب [**Nijatul Mominin mai Dua-i-Mustajab.** In praise of God and the Prophet Muhammad.] Pp. 8. Shaikh Ahmad Husain, Book-seller, Delhi. [11th October, 1917.] 8°, litho., 1st edition.	Bilali Steam Press, Sadhaura.	1,000
94	——— ——— ——— ———] Pp. 8. Sheikh Haji Zain-ud-din Ahmad and Rashid Ahmad, Book-sellers, Saháranpur. [11th October, 1917.] 8°, litho., 1st edition.	Ditto	1,000
95	پشپانجلی [**Pushpanjli.** A collection of national religious and devotional poems, etc., for Arya Samajists.] Pp. 96. Lala Raj Pal, Manager, Arya Pustakalya, Lahore [November, 1917.] 16°, litho., R. Price, 3 annas and 6 pies.	George Steam Press, Lahore.	1,500

Catalogue of Books registered in the Punjab under Act XXV of 1867 and Act X of 1890 during the quarter ending the **31st December, 1917—continued.**

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	URDU—POETRY—CONCLUDED.		
96	قارون کا خزانہ [**Qarun ka Khazana.** Love verses.] Pp. 16. Shaikh Muhammad Yamin, Book-seller, Sahāranpur. [4th October, 1917.] 8°, litho., 1st edition.	Bilali Steam Press, Sadhaura.	1,000
97	شہادت نامہ [**Shahadat nama.** Verses on the martyrdom of Imam Husain.] Pp. 16. Shaikh Ahmad Husain, Book-seller, Delhi. [18th October, 1917.] 8°, litho., R.	Ditto	1,000
98	**Sher Ali, M.** فریاد شیر علی [**Faryad Sher Ali.** Author's prayers to Husain and Ali for blessings.] Pp. 8. Published by the author, Qutab Shahi, Lahore. [15th October, 1917.] 8°, litho., 1st edition. **Price, 6 pies.**	Gulzar-i-Muhammadi Steam Press, Lahore.	1,000
99	**Subhan Bakhsh, M.** تعلیم مستورات [**Talim-i-Mastur a t.** Verses on the principles of Islam taught to women.] Pp. 8. Shaikh Muhammad Yamin, Book-seller, Sahāranpur. [4th October, 1917.] 8°, litho., R.	Bilali Steam Press, Lahore.	1,000
100	**Yog Hazrat.** غم حسین [**Gham-i-Husain.** Verses on the martyrdom of Imam Husain. Prose and poetry combined.] Pp. 16. Published by the author, Malána, District Ambála. [29th October, 1917.] 8°, litho., 1st edition.	Hariana Press, Rohtak.	500
101	**Yog Raj, Pandit.** رہبر ہنود [**Rahbar-i-Hanud.** An account of the past and the present condition of Hinduism, its important sects and its opponents with poetical pieces on various subjects and in praise of great men including His Majesty the King Emperor.] Pp. 80. Published by the author, Sohána. [8th November, 1917.] 8°, litho., 1st edition. **Price, 7 annas and 10 pies.**	Ditto	500
	URDU (IN GURMUKHI CHARACTER)—POETRY.		
102	ਫਿਰਾਕੇ ਜਾਨਾ [**Firaq-i-Janan.** Love verses.] Pp. 24. Shaikh Rahim Bakhsh, Indian Book Agency, Amritsar. [3rd September, 1917.] 8°, 1st edition. **Price, 2 annas.**	Coronation Printing Works, Amritsar.	1,000
	URDU (IN HINDI CHARACTER)—POETRY.		
103	पुष्पाञ्जली [**Pushpanjali.** A collection of national and other poems for Aryas.] Pp. 104. The Manager, Arya Pustakalya, Lahore. [13th November, 1917.] 16°, 1st edition. **Price, 4 annas and 6 pies.**	Punjab Printing Works, Lahore.	1,000
	URDU—POLITICS.		
3	حکومت میں اصلاحات [**Hakumat men Islahat.** An Urdu translation of the reform memorandum submitted by 19 members of the Viceroy's Imperial Council.] Pp. 24. Published by M. Muhammad Safdar, Siálkot. [October, 1917.] 8°, litho., 1st edition.	Naqshband Press, Siálkot City.	500

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	URDU—POLITICS—CONCLUDED.		
4	هندوستان قدیم و جدید [**Hindustan Qadim wa Jadid.** An Urdu translation of a lecture in English by Lady Benson on India, present and past. Translated by Pundit Daulat Ram.] Pp. 44. Published by the Translator, Bar.-at-Law, Lahore. [November, 1917.] 8°, litho., 1st edition. **Free.**	George Steam Press, Lahore.	500
5	سچی باتیں هندوستان کے بارہ میں [**Sachchi baten Hindustan ke bara men.** An Urdu rendering by Rai Bahadur Lala Kunj Behari, Thapur, of the English originals entitled "Truths and more Truths about India" published by the East India Association, London.] Pp. 365. Published by the Translator, Lahore. [October, 1917.] 16°, litho., 1st edition. **Free.**	Union Steam Press, Lahore.	10,000
	URDU—RELIGION.		
36	**Abdul Ghafur, Qais.** ارمغان دل یعنی فقر نامہ محمدی [**Armughan-i-Dil yani Faqar nama-i-Muhammadi.** On mysticism.] Pp. 56. Shaikh Muhammad Yamin, Book-seller, Sahâranpur. [21st October, 1917.] 8°, litho., 1st edition.	Bilali Steam Press, Sadhaura.	1,000
37	بہشتی گوہر [**Bihishti Gauhar.** On the tenets of Islam.] Pp. 144. Shaikh Muhammad Yamin, Book-seller, Sahâranpur. [21st October' 1917.] 8°, litho., R. **Price, 8 annas.**	Ditto	1,000
38	**Ghulam us Saqlain, Khawaja.**— رسالہ اصول و اخلاق اسلام [**Risala Usul wa Akhlaq-i-Islam.** On the principles and morals of Islam.] Pp. 58. The Manager, Hali Muslim High School, Panipat. [25th November, 1917.] 8°, litho. 1st edition. **Price, 2 annas.**	Ditto	1,000
39	کیا آپ کو روح القدس کا بپتسمہ ملا ہے [**Kya Apko Ruhul Qudas ka Baptasma mila hai.** An Urdu translation of an English original regarding the true signification of Baptism, *i.e.*, Resignation to the Will of God.] Pp. 12. Translated and published by Mr. Fazl Ilahi, B.A., Headmaster, Mission School, Jhelum. [30th September, 1917.] 8°, litho. 1st edition.	Sirajul Mutabi Press, Jhelum.	1,000
40	پران یام **Pranayam.** [Instructions for restraining breath while meditating on the object of adoration.] Pp. 36 Compiled and published by Sufi Lachhman Prashad, editor, "Mastana Jogi," etc., Ferozepore City. [16th November, 1917.] 32°, litho. 1st edition. **Price, 4 annas.**	Bijli Press, Ferozepore City.	500
41	راہ نیکی نمبر (۱) [**Rah-i-neki No. 1.** A dialogue on religious and moral subjects according to Muhammadan tenets.] Pp. 9. Munawar Khatun, wife of Din Muhammad Shah, Appeal-writer, Amritsar. [2nd August, 1917.] 16° litho., 1st edition. **Free.**	Silcock Press, Amritsar.	30
42	رسالہ لباب احمدیت [**Risala-i-lubab-i-Ahmadiyat.** A pamphlet on the claims and mission of the late Mirza Ghulam Ahmad of Qadian. Pp. 18. M. Ahmad Hussain, Faridabadi, Qâdián. [6th August, 1917.] 8°, litho., 1st edition. **Price, 1 anna.**	Wazir-i-Hind Press, Amritsar.	1000

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	URDU—RELIGION—CONCLUDED.		
43	**Sadr-ud-Din Hussain Khan, Mir Nawab.**—علاج معصیت [**Ilaj-i-Masiyat.** A description of various sorts of sins from the Muhammadan point of view. Pp. 32. Munshi Maula Baksh Kushta, Bookseller, Amritsar. [15th August, 1917.] 8°, litho., 1st edition. **Price, 2 annas.**	Silcock Press, Amritsar,	275
44	———— علاج ظلم [**Ilaj-i-Zulm.** A description of various offences and evil practices considered as so many forms of Zulm (tyranny) from the Muhammadan point of view.] Pp. 32. [20th August, 1917.] 8°, litho., 1st edition. **Price, 2 annas.**	Ditto	275
45	سنڈے سکول کے سبق بابت ماہ اکتوبر، نومبر، دسمبر سنہ ۱۹۱۷ء [**Sunday School ke sabaq babat mah October, November, December, 1917.** Sunday School Bible lessons compiled by Revd. John Forman, M.A.] Pp. 39. Mr. K. L. Rallia Ram, Headmaster, Rangmahal Mission High School, Lahore. [15th October, 1917.] 16°, litho., R. **Price, 9 pies.**	Gulzar-i-Muhammadi Steam Press, Lahore.	2,600
46	ذکر الٰہی [**Zikr-i-Ilahi.** Lectures delivered by the second successor of the late Mirza Ghulam Ahmad of Qadian, on the 27th December, 1916.] Pp. 146. Muhammad Fakhr-ud-Din, Ahmadia Book Agency, Qadian. [October, 1917.] 8°, litho., 1st edition. **Price, 10 annas.**	Union Steam Press, Lahore.	1,000
	URDU—SCIENCE (NATURAL AND OTHER.)		
6	ابتدائی علم بیکٹیریالوجی کا اردو رسالہ [**Ibtidai Ilm Bacteriology ka Urdu Risala.** A treatise on elementary bacteriology, compiled by Shaikh Maula Bakhsh, Bactriological Assistant, Central Research Institute, Kasauli. [12th October, 1917.] 16°, litho., 1st edition.	Bilali Steam Press, Sadhaura.	500
	BILINGUAL (ARABIC-URDU)—MISCELLANEOUS.		
2	آیات فرقانی [**Ayat-i-Furqani.** A pamphlet describing the good accruing from the recitation of different verses of the Quran and their uses as charms.] Pp. 16. M. Muhammad Yahya, Book-seller, Saharanpur. [16th September, 1917.] 8°, litho. 1st edition. **Price, 1 anna and 6 pies.**	Bilali Steam Press, Sadhaura.	3,000
3	حصہ سوم اعمال قرآنی [**Hissa-i-siwum Amal-i-Qurani.** A pamphlet describing the good accruing from the recitation of the different verses of the Quran and their uses as charms.] Pp. 31. M. Muhammad Yamin, Book-seller, Saháranpur. [5th September 1917.] 8°, litho. 1st edition.	Ditto	1,000
	BILINGUAL (ARABIC—URDU)—POETRY.		
1	**Abdul Ghani, Qadri, Hakim.**—دلائل خیرات بے بدل [**Dalail khairat-i-be-badal.** A prayer book.] Pp. 144. Published by the author, Karáchi Cantonment. [17th September, 1917.] 16°, litho., 1st edition.	Bilali Steam Press. Sadhaura.	500
2	ہر چہار شجرہ، شجرہ شریفہ نقشبندیہ منظوم قادریہ و چشتیہ و سہروردیہ منثور [**Har Chahar Shajra, Shajra Sharifa Naqshbandia manzum Qadiria wa Chishtia wa Suharwardia mansur.** Pedigree tables of Naqshbandia, Qadria, Chashtia and Suharwardia sects of Sufi saints. Prose and verse combined.] Pp. 8. Shaikh Karim Bakhsh, baker, Bhati Gate, Lahore. [20th October, 1917.] 8°, litho., R. **Price, 6 pies.**	Gulzar-i-Muhammadi Steam Press, Lahore.	1,000

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	BILINGUAL (ARABIC—URDU)—RELIGION.		
17	**Abdus Samad Abu Yusuf.**—لا تقبل الشہادۃ الا بالعدالۃ [**La Tuqbil-ush-Shahadato Illa Bil Adalati.** Endeavouring to show that the appearance of the moon for the month of Ramzan (keeping fasts) may be admitted on the authority of one virtuous and pious witness and that of the Id on the authority of at least two such witnesses.] Pp. 12. The Sadr-i-Anjuman-i-Islamia, Hanfia, Amritsar. [4th August, 1917.] 8°, litho. 1st edition. Price, 6 pies.	Wazir-i-Hind Press, Amritsar.	500
18	**Ata Ullah, Shaikh, Wakil.**—خطبۂ ولادت نمبر ۱ [**Khutba-i-Wiladat.** A sermon on the birth of a child (No. 1).] Pp. 16. Majlis-i-Talim-ul-Quran, Gujrat, Punjab. [13th October, 1917.] 8°, litho., 1st edition. Price, 1 anna.	Gulzar-i-Muhammadi Steam Press, Lahore.	500
19	——————— خطبۂ نکاح نمبر ۲ [**Khutba-i-nikah, No. 2** A sermon on the marriage contract (No. 2)] Pp. 16 [13th October, 1917.] 8°, litho., 1st edition. Price, 1 anna.	Ditto	500
20	——————— خطبۂ موت نمبر ۳ [**Khutba-i-Maut, No.3.** A sermon on death (No.3).] Pp. 16. [13th October, 1917.] 8°, litho., 1st edition. Price, 1 anna.	Ditto	500
21	خطبات الحنفیہ [**Khutbat-ul-Hanfia.** A book of sermons for Friday and Id gatherings and for marriage occasions intended for the Hanfia sect of Muhammadans.] Pp. 440. Mir Amir Bakhsh and Sons, Book-sellers, Lahore. [August, 1917.] 8°, litho., R. Price, 2 rupees	Mufid-i-'Am Press, Lahore.	2,000
22	**Tasaddaq Husain, Syed Maulavi.**—عتق العباد من تقلید الاجتہاد [**Itqul Ibad Min Taqlidul Ijtihad.** Against the acceptance of any authority in Muhammadan jurisprudence except that of the Quran and the traditions, &c.] Pp. 70. Hakim Syed Dilawar Husain, Shahpur Sadat. [October, 1917.] 8°, litho., 1st edition. Price, 2 anna.	Union Steam Press, Lahore.	500
	BILINGUAL (ENGLISH—PUSHTU)—LANGUAGE.		
1	**How to speak Pushtu,** being an easy guide to conversation in that language, designed for the use of British soldiers, compiled by Qazi Ahmad Jan, Peshâwar. Pp. 109. Published by the compiler, Peshâwar. [25th September, 1917.] 8°, 1st edition. Price, 12 annas.	Punjab Steam Press, Lahore.	1,000

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	BILINGUAL (ENGLISH AND SANSKRIT)—RELIGION.		
1	**The Vedas made easy, Part 6.** Rigved, Chapter III. A literal English translation with the Sanskrit text, explanatory notes and summary of each hymn by Master Durga Prasad. Pp. 502—610. The translator, Lahore. [12th November, 1917.] 8°, 1st edition. **Price, 1 rupee and 4 annas.**	Virjanand Press, Lahore.	1,000
	BILINGUAL (ENGLISH AND URDU)—LANGUAGE.		
	(Designed for educational purposes.)		
12	**A complete key and translation to Macmillan's New English Reader II.** Pp. 48 and 32. Lala Amar Nath, Aggarwal, Bookseller, Hoshiárpur. [22nd September, 1917.] 16°, type and litho., 1st edition. **Price, 6 annas.**	Punjab Printing Works, Lahore.	2,000
	(Designed for educational purposes.)		
13	اینگلو ورنیکولر بول چال **[Anglo-Vernacular bol chal.** An English Urdu conversation book.] Pp. 93. Lala Shib Das, Bookseller, Lahore. [September, 1917.] 16°, litho. and type, R. **Price, 6 annas.**	Mufid-i'-Am Press, Lahore.	470
	(Designed for educational purposes.)		
14	**[M. C. Saighal's Hindustani Grammar, Volume II** (containing parts 3 and 4) advanced, assisted by D. Mitchel.] Pp. 124. Published by the compiler, Sabáthu. [25th September, 1917.] 8°, 1st edition. **Price, 1 rupee and 8 annas.**	Punjab Steam Press, Lahore.	1,250
	(Designed for educational purposes.)		
15	**Regimental Roman Primer.** Roman Primer, compiled by Pandit Devi Ditta Mal, School Master, 22nd Cavalry, Jhelum. Pp. 16. Published by the compiler, Jhelum. [October 1917.] 16°, R. **Price, 1 anna and 3 pies.**	Gouldsbury Press, Jhelum.	500
	BILINGUAL (HINDI—PUNJABI IN GURMUKHI CHARCTER)—POETRY.		
2	ਪੂਰਨ ਗ੍ਰੰਥ ਸਾਰੁਕਤਾਵਲੀ ਸਟੀਕ **[Puran Granth Saruktawali Satik.** A complete edition of Saruktawali. A book of morals with a commentary by Pandit Tara Singh.] Pp. 88. Bhai Chattar Singh, Jiwan Singh, Book-sellers, Amritsar, [22nd July, 1917.] 8°, 1st edition. **Price, 6 annas.**	Punjab Commercial Press, Amritsar.	1,000
	BILINGUAL (HINDI AND URDU)—MISCELLANEOUS.		
1	आर्य डायरी उर्दू व आर्य भाषा में सन् १९१८ **[Arya Diary Urdu wa Arya Bhasha men san 1918** Diary for 1918 with the principles of Arya Samaj and postal rules, by Lala Rajpal.] Pp. 432. The Manager, Arya Pustakalaya, Lahore. [November, 1917.] 16°, 1st edition. **Price, 6 annas.**	George Steam Press, Lahore.	1,000

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	BILINUAL (HINDI AND URDU)—MISCELLANEOUS—CONCLUDED.		
2	رسالہ شادی بیوگان اور نیوگ [Risala shadi Bewagan aur Niyog. A pamphlet refuting the institution of Niyog and supporting that of widow remarriage, compiled by M. Sana Ullah.] Pp. 16. Published by the compiler, Amritsar. [30th September, 1917.] 8°, litho., R. Price, 1 anna and 6 pies.	Rozbazar Steam Press, Amritsar.	1,000
	BILINGUAL (HINDI—URDU)—POETRY.		
2	Brij Lal, Mahashaya. سنگیت لتا—[Sangit Lata. A book of devotional and other hymns.] Pp. 189. Proprietors, Arya Book Depôt, Lahore. [November 1917.] 32°, litho., 1st edition. Price, 5 annas.	George Steam Press, Lahore.	1,000
3	Muhib Ali Khan, M.—سہاگن کی یاد معروف بہ دلہن کی فریاد [Suhagan ki yad maruf bi dulhan ki faryad. Devotional and admonitory verses.] Pp. 8. M. Gauhar Ali Khan, Bookseller, Rámpur. [4th October, 1917.] 8°, litho., R.	Bijli Steam Press, Sadhaura.	1,000
	BILINGUAL (HINDI URDU IN HINDI CHARACTER)—RELIGION.		
4	Hari Ram, B.A., LL.B.—पोथी गुप्त प्रकाश [Pothi Gupt Prakash. The mysterious state of things in this phenomenal world in the interval between the disappearance of one form of the Sant Sat Guru (True Spiritual Preceptor) of the Radha Swami Sect and the manifestation of another form, with an account of the way in which it is possible to traverse the path of true discipleship during that period. (Intended for the followers of the Radha Swami Sect only.)] Pp. 94. The author, Ludhiána. [2nd November, 1917.] 8°, 1st edition. Price, 8 annas.	Punjab Printing Works, Lahore.	1,000
	BILINGUAL (HINDI—URDU)—RELIGION.		
5	Lachhman Prashad, Sufi.—جوگی کا اسرار زندگی المعروف یوگ کی کنجی [Jogi ka asrar-i-zindgi almaruf yog ki kunji. Instructions for the restraining of breath while meditating on the deity.] Pp. 26. Published by the author, editor, Mastana Jogi, Ferozepore. [1st December, 1917.] 8°, litho., 1st edition. Price, 1 rupee.	Bijli Press, Ferozpur City.	500
6	سدھ یوگی موسوم بہ سمپاتھی حصہ دوم [Sidh yogi mausum ba sympathi, Hissa-i-Doyam. A treatise on the Yoga practices.] Pp. 92. Shri Dayal Swami, Gyani, Hassan Abdál. [November 1917.] 16°, litho., 1st edition. Price, 1 rupee.	George Steam Press, Lahore.	500
	BILINGUAL (HINDI AND SANSKRIT)—LANGUAGE. *(Designed for educational purposes.)*		
9	Bhanu Datt, Pandit.—व्याकरण भानु [Vyakarn Bhanu. A Manual of Sanskrit Grammar.] Pp. 112. Messrs. Uttar Chand, Kapur, and Sons, Book-sellers, Lahore. [23nd October, 1917.] 8°, R. Price, 8 annas.	Union Steam Press, Lahore.	2,000

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	BILINGUAL (HINDI AND SANSKRIT)—RELIGION.		
4	ईशोपनिषद् का स्वाध्याय [Ishopnishad ka Savadhyaya. Containing the Sanskrit text of Ishopnishad with a Hindi translation and an independent Hindi commentary by Pandit Shripad Damodar Satwalekar.] Pp. 15, 175. The Manager, Saraswati Ashram, Lahore. [10th September, 1917.] 16°, 1st edition. **Price, 10 annas.**	Punjab Printing Works, Lahore.	1,000
5	Ram Lal, Shastri, Pandit.—नारायणवलि-सिद्धान्त [Narayanvali Siddhant. A refutation of Pandit Mathura Prasad's pamphlet "Kutark-taru-Kuthar" against the performance of certain rites and ceremonies after the death of a pregnant woman.] Pp. 99. Published by the author, Government High School, Jhang. [15th November, 1917.] 8°, 1st edition. **Free.**	Ditto ...	500
6	ऋगमन्त्र व्याख्या [Rigmantra Vyakhya. Certain Rigved Mantras with Hindi translation and Hindi commentary by Bhagwat Datt, B.A.] Pp. 44. Published by Commentator, D.A.-V. College, Lahore. [October, 1917.] 8°, 1st edition. **Price, 5 annas.**	Model Press, Lahore.	1,000
	BILINGUAL (PERSIAN-SINDHI)—LANGUAGE. *(Designed for educational purposes.)*		
1	مجموعه سه کتابی [Majmua sih kitabi. A Persian Sindhi Glossary.] Pp. 62. M. Pokhar Das, Book-seller, Shikárpur. [October, 1917.] 8°, litho., 1st edition. **Price, 5 annas.**	Mufid-i-'Am Press, Lahore.	1,000
	BILINGUAL (PERSIAN-URDU)—LANGUAGE. *(Designed for educational purposes.)*		
5	جدید فارسی کی پہلی کتاب مصنفه خلیفه عماد الدین صاحب کی شرح [Jadid Farsi ki pahli kitab musannafa Khalifa Imad-ud-din Sahib ki Sharah. An Urdu rendering of late Khalifa Imad-ud-Din's First Persian Reader with exercises.] Pp. 53. Shaikh Ghulam Ali, Book-seller, Lahore. [November, 1917.] 16°, litho., 1st edition. **Price, 4 annas.**	George Steam Press, Lahore.	1,000
	(Designed for educational purposes.)		
6	قادر نامهٔ غالب [Qadir nama-i-Ghalib. A Persian Urdu glossary in verse.] Pp. 12. Shaikh Muhammad Yamin, Book-seller, Sahâranpur. [18th October, 1917.] 8°, litho., 1st edition.	Bilali Steam Press, Sadhaura.	1,000
	(Designed for educational purposes.)		
7	تسہیل الترجمه فارسی [Tashil-ut-tarjama Farsi. A guide to translation from Urdu into Persian and *vice versâ*.] Pp. 32. M. Ali Ahmad, teacher, Jullundur. [1st October, 1917.] 16°, litho., 1st edition. **Price, 2 annas and 6 pies.**	Kishan Press, Jullundur.	500

Catalogue of Books registered in the Punjab under Act XXV of 1867 *and Act X of* 1890 *during the quarter ending the* 31*st December*, 1917—continued.

1	2	3	4
Serial No.	Author and title, brief subject including the age of the book where the same is obscure, number of pages, publisher and place of publication, date given on the title page with the name of the era—when other than the Christian era,—date of issue from the press or of publication, size, edition and price.	Printer and place of printing.	Number of copies.
	BILINGUAL (PERSIAN-URDU)—POETRY.		
5	**Muhammad Shafi, M.**—قطعات تاریخ [**Qita'at-i-tarikh.** Verses composed by the author on the death of his son Abdur Rahman Khan.] Pp. 8. Published by the author, Sagri, District Jhelum. [8th November, 1917.] 16°, litho., 1st edition. Free.	Siraj-ul Mutabi Press, Jhelum.	500
	BILINGUAL (PUNJABI-URDU)-LANGUAGE. *(Designed for educational purposes.)*		
1	ਕੁਲੀਦ ਗੁਰਮੁਖੀ [**Kalid-i-Gurmukhi.** A Gurmukhi-Urdu primer.] Pp. 32. Khalsa Tract Society, Amritsar. [22nd August, 1917.] 16°, R. Price, 1 anna.	Wazir-i-Hind Press, Amritsar.	1,000
	BILINGUAL (PUNJABI-URDU)-POETRY.		
7	**Mehr Chand, Pandit.**—فریاد پر ادھینان [**Faryad paradhinan.** On cow protection.] Pp. 8. Lala Kanshi Ram, Attar, Kot Radha Kishan. [October, 1917.] 8°, litho., 1st edition. Price, 6 pies.	Public Steam Press, Lahore.	1,000
	TRILINGUAL (ARABIC—PUNJABI IN THE PERSIAN CHARACTER AND URDU)—RELIGION.		
3	درود تاج مترجم مع اسناد [**Darud Taj mutarjam mai asnad.** Benedictions on the Prophet Muhammad with their translation into Urdu and the good accruing from their recitation in Punjabi verse.] Pp. 8. Maulavi Abdul Haq, Bagah Sharif, District Ferozepore. [30th September, 1917.] 8°, litho., 1st edition.	Boz Bazar Steam Press, Amritsar.	1,000
4	**Muhammad Gauhar-ud-din, Maulavi.**—بہار اسلام [**Bahar-i-Islam.** Certain tenets of Islam, poetry and prose combined.] Pp. 16. The Manager, Nayyar-i-Islam, Amritsar. [5th September, 1917.] 8°, litho., 1st edition. Price, 1 anna.	Wazir-i-Hind Press, Amritsar.	500
	TRILINGUAL (HINDI, PUNJABI AND URDU IN PERSIAN CHARACTER)—RELIGION.		
1	**Devi Chand, Pandit.**—یوگ ابھیاس بدھی [**Yog abhyas bidhi.** A book of instructions for Yog practices, with devotional and admonitory verses.] Pp. 80. Lieutenant-Colonel Thakar Bidhi Singh, Jammu. [13th October, 1917.] 8°, litho., 1st edition. Price, 8 annas.	Gulzar-i-Muhammadi Steam Press, Lahore.	300
	POLYGLOT (ENGLISH, HINDI, PUNJABI AND URDU)—LANGUAGE. *(Designed for educational purposes.)*		
1	**Guide to Writing in the Roman Character, prepared as a Regimental text-book for Indian Army Schools, by Dafedar Pyara Singh, School Master, 8th Cavalry.** Pp. 27. Published by the author, Secundarabad. [1st November, 1917.] 8°, R. Price, 4 annas and 6 pies.	Rajkishen & Co., Printers, Ambála Cantonment.	3,000

Catalogue of Books registered in the Punjab under Act XXV of 1867 and Act X of 1890 during the quarter ending the **31st** *December*, **1917—continued.**

1	2	3	4
Serial No.	Author and title, brief subject including the age of the book where the same is obscure, number of pages, publisher and place of publication, date given on the title page with the name of the era—when other than the Christian era,—date of issue from the press or of publication, size, edition and price.	Printer and place of printing.	Number of copies.
	PERIODICALS—ENGLISH (MISCELLANEOUS).		
30	**The Crescent. The Magazine of the Islamia College, Lahore, for October, 1917.** Pp. 29. The Principal of the College, Lahore. [October, 1917.] 8°, 1st edition. Annual subscription, 2 rupees from students 1 rupee and 8 annas.	Hardinge Printing Press, Lahore.	600
31	——————— **for November, 1917.** Pp. 32. [November, 1917.] 8°, 1st edition. Annual subscription, 2 rupees, from students 1 rupee and 8 annas.	Ditto	600
32	**The Indian Good Templa. Official organ of the Grand Lodge of India, for September, 1917.** Pp. 34. Mr. J. E. Wood, Mughalpura, Lahore. [25th September, 1917.] 8°, 1st edition. Price, 4 annas.	Punjab Steam Press, Lahore.	250
33	——————— **for October, 1917.]** Pp. 34. [October, 1917.] 8°, 1st edition. Price, 4 annas	Ditto	250
34	**The Punjab Educational Journal for August, 1917.** Edited by Mr. M. R. Sanderson, M.A. Pp. 125–154. Messrs. Gulab Singh and Sons, Lahore. [August, 1917.] 4°, 1st edition.	Mufid-i-'Am Press, Lahore.	475
35	——————— **for September, 1917.]** Pp. 155—184. [September, 1917.] 4°, 1st edition.	Ditto	470
36	——————— **for October, 1917]** Pp. 185—213. [October, 1917.] 4°, 1st edition. Annual subscription, 4 rupees and 8 annas.	Ditto	470
37	**The Ravi. The Government College Magazine for October, 1917.** Pp. 283–311. Published by the College Council, Lahore. [October, 1917.] 8°, 1st edition. Price, 4 annas.	Mercantile Electric Press, Lahore.	700
38	——————— **for November 1917.** Pp. 313–340. [November, 1917.] 8°, 1st edition. Price, 4 annas.	Ditto	700
	PERIODICALS—ENGLISH (RELIGION).		
12	**The Science rounded Religion. A monthly journal mainly devoted to the propagation of Dev Dharm for August, 1917.** Edited by Pandit Har Narayan, Agnihotri. Pp. 18. Published by Shriman Amar Singh, Dev Ashram, Lahore. [20th August, 1917.] 8°, 1st edition. Annual subscription, 2 rupees.	Jiwan Press, Lahore.	300
13	——————— **for September, 1917.]** Pp. 18. [20th September, 1917.] 8°, 1st edition. Annual subscription, 2 rupees.	Ditto	300

Catalogue of Books registered in the Punjab under Act XXV of 1867 *and Act X of* 1890 *during the quarter ending the* 31*st December*, 1917—continued.

1	2	3	4
Serial No.	Author and title, brief subject including the age of the book where the same is obscure, number of pages, publisher and place of publication, date given on the title page with the name of the era—when other than the Christian era,—date of issue from the press or of publication, size, edition and price.	Printer and place of printing.	Number of copies.
	PERIODICALS—HINDI—PHILOSOPHY.		
1	आर्ष ग्रन्थावलि न्याय प्रवेशिका [**Arsha granthawali Nyaya Praveshika.** Volume XV, No. 1, for January, 1917.] An introduction to the Nyaya Shastra (the Hindu System of Logic) by Pandit Raja Ram.] Pp. 1—32. The author, D.A.-V. College, Lahore. [October, 1917.] 8°, 1st edition.	Bombay Press, Lahore.	1,000
2	——— No. 2, for February, 1917.] Pp. 33—64. 8°, 1st edition.	Ditto	1,000
3	——— No. 3, for March, 1917.] Pp. 65—96. 8°, 1st edition.	Ditto	1,000
4	——— No. 4, for April, 1917.] Pp. 97—124. 8°, 1st edition.	Ditto	1,000
	Annual subscription, rupee 1 and 13 annas.		
	PERIODICALS—HINDI—RELIGION.		
11	आर्ष ग्रन्थावलि आर्य-दर्शन [**Arsha granthwaali Arya Darshan,** Volume XV, No. 5, for May, 1917. An attempt to prove by Philosophical discussion the superiority of Aryaism over other religions by Pandit Raja Ram.] Pp. 32. The author, D.A.-V. College, Lahore. [October, 1917.] 8°, 1st edition.	Ditto	1,000
12	——— No. 6, for June, 1917.] Pp. 33—64. 8°, 1st edition.	Ditto	1,000
13	——— No. 7, for July, 1917.] Pp. 65—96. 8°, 1st edition.	Ditto	1,000
14	——— No. 8, for August, 1917.] Pp. 97—128. 8°, 1st edition.	Ditto	1,000
	Annual subscription, rupee 1 aud 13 annas.		
15	सेवक [**Sevak.** A monthly organ of the Dev Samaj, chiefly devoted to religious subjects for Bhadrapod, 1974 Vikrami. Edited by Shriman Devat Singh ji.] Pp. 34. Published by Shriman Amar Singh, Dev Ashram, Lahore. [14th September, 1917.] 8°, 1st edition.	Jiwan Press, Lahore.	224
	Annual subscription, 4 rupees.		
16	——— for Ashwin, 1974 Vikrami.] Pp. 34. [11th October, 1917.] 8°, 1st edition.	Ditto	224
	Annual subscription, 4 rupees.		
	PERIODICALS—PUNJABI—MEDICINE.		
10	ਵੈਦ ਰਾਜ [**Vaid Raj.** A monthly devoted to Hygiene and the principles of healthy living, for September, 1917.] Pp. 18. Edited and published by Bhai Aya Singh, Vaid, Lahore. [25th September, 1917.] 8°, 1st edition.	Punjab Steam Press, Lahore.	1,000
	Annual subscription, 1 rupee and 4 anna.		

Catalogue of Books registered in the Punjab under Act XXV of 1867 *and Act X of* 1890 *during the quarter ending the* 31*st December*, 1917—continued.

1	2	3	4
Serial No.	Author and title, brief subject including the age of the book where the same is obscure, number of pages, publisher and place of publication, date given on the title page with the name of the era—when other than the Christian era,—date of issue from the press or of publication, size, edition and price.	Printer and place of printing.	Number of copies.
	PERIODICALS—PUNJABI—MEDICINE—CONCLUDED.		
11	ਵੈਦ ਰਾਜ [Vaid Raj A monthly devoted to Hygiene and the principles of healthy living, for October, 1917.] Pp. 16. [October, 1917.] 8°, 1st edition.	Punjab Steam Press, Lahore.	1,000
	Annual subscription, 1 rupee and 4 annas.		
12	———— for November, 1917.] Pp. 16. [25th November, 1917.] 8°, 1st edition.	Ditto	1,000
	PERIODICAL—SURDU—LAW.		
5	القانون [Alqanun. An Urdu monthly containing judgments of the Chief Court of the Punjab and other legal matters for September, 1917.] Pp. 64. Published by Mirza Abdul Hamid, Manager of the Magazine, Lahore. [18th October, 1917.] 8°, litho., 1st edition.	Gulzar-i-Muhammadi Steam Press, Lahore.	500
	Annual subscription, 3 rupees.		
	PERIODICAL—URDU—MEDICINE.		
5	پنجاب وٹیری نری جرنل سہ ماہی رسالہ بابت ماہ اکتوبر سنہ ۱۹۱۷ء [Punjab Veterinary Journal sihmahi Risala babat mah October, 1917. A quarterly journal devoted to veterinary subjects, for October, 1917, edited by M. Haqniwaz Khan, Assistant Professor, Veterinary College, Lahore.] Pp. 121. Punjab Veterinary Association, Lahore. [15th October, 1917.] 8°, litho., 1st edition.	Ditto	350
	Annual subscription, 6 rupees.		
	PERIODICALS—URDU—MISCELLANEOUS.		
26	فتح [Fateh. An Urdu monthly devoted to war topics. Edited by Lala Mehr Chand, Pleader, Gurdaspur, for July and August, 1917.] Pp. 24. Published by the District War Association, Gurdáspur. [28th July, 1917.] 8°, litho., 1st edition.	Rozbazar Steam Press, Amritsar.	500
27	———— for September, 1917.] Pp. 24. [30th September, 1917.] 8°, litho., 1st edition.	Ditto	500
28	رفیق التعلیم [Rafiqut Talim. A monthly devoted to educational matters, for August, 1917. Edited by Lala Raghunath Sahai, B.A.] Pp. 42. Published by the Editor, Headmaster, Dayal Singh High School, Lahore. [August, 1917.] 8°, litho., 1st edition.	Mufidi-'Am Press, Lahore.	1,650
29	———— for September, 1917.] Pp. 40. [September, 1917.] 8°, litho., 1st edition.	Ditto	1,700

Catalogue of Books registered in the Punjab under Act XXV of 1867 *and Act X of* 1890 *during the quarter ending the* 31*st December*, 1917—concluded.

1	2	3	4
Serial No.	Author and title, brief subject including the age of the book where the same is obscure, number of pages, publisher and place of publication, date given on the title page with the name of the era—when other than the Christian era,—date of issue from the press or of publication, size, edition and price.	Printer and place of printing.	Number of copies.
	PERIODICALS—URDU—MISCELLANEOUS —CONCLUDED.		
30	رفیق تعلیم [Rafiqut Talim. A monthly devoted to educational matters, for October, 1917.] Pp. 40. [October, 1917.] 8°, litho., 1st edition. Annual subscription, 3 rupees, from students 2 rupees and 8 annas.	Mufid-i-'Am Press, Lahore.	1,000
	PERIODICAL—URDU—RELIGION.		
9	نقشبند [Naqshband. A monthly devoted to religious subjects for October, 1917. Edited by M. Ahmad Din.] Pp. 24. Published by the editor, Siálkot. [October, 1917.] Pp. 8°, litho., 1st edition. Price, 3 annas.	Naqshband Press, Siálkot city.	400

LAHORE:

Dated 16*th February*, 1918.

BISHAN DAS, PURI,
Reporter on Books,
Education Department, Punjab.

57 BGG—620—12-4-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 8 LAHORE, FRIDAY, APRIL 26, 1918.

PART II.

GENERAL.

REVIEW OF THE ANNUAL PROVINCIAL RETURN SHOWING THE MORTALITY CAUSED BY, AND THE MEASURES TAKEN TO DESTROY, WILD ANIMALS AND VENOMOUS SNAKES DURING THE YEAR 1917.

THE following letter is published for general information :—

No. 8959 (Home—Genl.), dated Lahore, 18th April 1918.

From—The Hon'ble Mr. J. P. THOMPSON, I.C.S., Chief Secretary to Government, Punjab,

To—The Secretary to Government of India, Home Department.

I AM directed to forward, for the information of the Government of India, three copies of the annual provincial return showing the mortality caused by, and the measures taken to destroy, wild animals and venomous snakes during the year 1917.

No. 1.—*Statement showing the number of persons killed by wild animals and venomous snakes during the year* 1918.

District.	By wild animals.								By snakes.	Grand Total.	Remarks.
	Elephants.	Tigers.	Leopards.	Bears.	Wolves.	Hyænas.	Other animals.	Total.			
Hissar ...	...	...	...	...	...	...	2	2	46	48	
Rohtak ...	...	...	...	...	...	...	...	...	25	25	
Gurgaon ...	...	...	...	..	1	..	...	1	52	53	
Karnál ...	...	...	...	...	...	...	...	...	64	64	
Ambála ...	...	...	...	1	...	...	...	1	...	1	
Simla ...	...	...	...	...	...	...	...	...	1	1	
Kángra ...	..	...	...	...	...	..	...	...	19	19	
Hoshiárpur ...	...	...	1	...	...	...	2	3	13	16	
Jullundur ...	...	...	...	...	...	...	...	...	5	5	
Ludhiána ...	...	...	...	...	...	...	1	1	5	6	
Ferozepore ...	...	...	...	...	...	...	...	...	51	51	
Lahore ...	...	...	...	...	...	..	...	...	29	29	
Amritsar ...	...	...	...	...	...	...	...	...	9	9	
Gurdáspur ...	...	...	...	...	...	...	2	2	12	14	
Siálkot ...	...	...	...	...	...	...	...	...	42	42	
Gujránwála ...	...	...	...	...	...	...	9	9	80	89	
Gujrát ...	...	...	...	...	1	...	...	1	51	52	
Shahpur ...	...	...	...	...	...	...	...	...	15	15	
Jhelum ...	...	...	1	...	...	...	1	2	36	38	
Ráwalpindi ...	...	...	...	...	...	...	...	...	39	39	
Attock ...	...	...	...	...	...	...	2	2	31	33	
Miánwáli ...	...	...	...	...	...	...	...	...	2	2	
Montgomery ...	...	...	...	...	...	...	...	...	25	25	
Lyallpur ...	...	...	...	...	...	...	...	...	28	28	
Jhang ...	...	...	...	...	...	...	...	...	40	40	
Multán ...	...	...	...	...	...	...	...	...	93	93	
Muzaffargarh ...	...	...	...	...	...	...	...	...	99	99	
Dera Gházi Khan ...	...	...	...	...	...	...	...	...	45	45	
Total for 1917 ...	...	...	2	1	2	...	19	24	957	981	
Total for 1916 ...	...	...	...	1	3	...	23	27	956	983	

No. 2.—STATEMENT SHOWING THE NUMBER OF WILD ANIMALS AND VENOMOUS SNAKES FOR THE DESTRUCTION OF WHICH REWARDS WERE PAID DURING THE YEAR 1917.

No. 2.—*Statement showing the number of wild animals and venomous*

District.	Particulars of animals destroyed.							Total number of animals destroyed.	Snakes.
	Elephants.	Tigers.	Leopards.	Bears.	Wolves.	Hyænas.	Other animals.		
Hisar	...	...	...	...	4	...	...	4	367
Rohtak	...	...	...	...	...	...	...	...	...
Gurgaon	...	...	4	...	4	...	...	8	600
Karnál	...	...	...	...	1	...	...	1	...
Ambála	...	...	4	...	6	...	...	10	131
Simla	...	...	...	...	...	...	...	...	...
Kángra	...	...	105	106	1	...	...	212	...
Hoshiárpur	...	...	5	...	...	...	...	5	...
Jullundur	...	...	...	...	...	...	...	...	...
Ludhiána	...	...	...	...	2	...	...	2	80
Ferozepore	...	...	...	...	8	...	...	8	6
Lahore	...	...	...	...	...	...	...	...	...
Amritsar	...	...	...	...	...	...	...	...	11
Gurdáspur	...	...	6	...	...	...	...	6	242
Siálkot	...	...	...	...	...	...	...	...	7,579
Gujránwála	...	...	...	...	...	...	159	159	4,575
Gujrát	...	...	...	...	...	...	...	...	71
Shahpur	...	...	7	...	...	...	...	7	...
Jhelum	...	...	1	...	5	...	...	6	20
Ráwalpindi	...	...	2	...	...	...	...	2	51
Attock	...	...	...	...	...	...	...	...	6
Miánwáli	...	...	...	...	2	...	...	2	...
Montgomery	...	...	...	...	...	...	...	...	89
Lyallpur	...	...	...	...	...	...	...	...	...
Jhang	...	...	...	...	...	...	...	...	16
Multán	...	...	...	...	15	...	...	15	743
Muzaffargarh	...	...	...	...	...	...	...	...	183
Dera Ghází Khan ...	...	...	...	...	45	...	...	45	4
Total for 1917 ...	...	...	134	106	93	...	159	492	15,026
Total for 1916 ...	...	...	115	86	407	...	137	745	27,157

nakes for the destruction of which rewards were paid during the year 1917.

Rewards paid for their destruction.										
Elephants.	Tigers.	Leopards.	Bears.	Wolves.	Hyænas.	Other animals.	Total.	Snakes.	Grand Total.	Remarks.
Rs.	Rs.	Rs. A. P.	Rs.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
...	...	...	...	89 0 0	...	...	89 0 0	77 10 0	166 10 0	
...	...	...	...	...	...	...	...	...	...	
...	...	32 0 0	...	20 0 0	...	...	52 0 0	148 0 0	200 0 0	
...	...	...	...	5 0 0	...	...	5 0 0	...	5 0 0	
...	...	32 0 0	...	30 0 0	...	...	62 0 0	22 6 0	84 6 0	
...	...	...	...	...	...	...	...	...	...	
...	...	701 0 0	735	5 0 0	...	...	1,441 0 0	...	1.441 0 0	
...	...	35 0 0	...	...	...	...	35 0 0	...	35 0 0	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	10 0 0	...	...	10 0 0	10 0 0	20 0 0	
...	...		...	38 0 0	...	...	38 0 0	1 4 0	39 4 0	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	1 14 0	1 14 0	
...	...	48 0 0	...	...	...	...	48 0 0	42 14 0	90 14 0	
...	...	...	...	...	..	...	...	934 8 6	934 8 6	There was a systematic campaign in these two districts.
...	...	...	...	...	...	20 14 0	20 14 0	341 4 0	362 2 0	
...	...	...	...	...	...	...	...	8 0 0	8 0 0	
...	...	45 0 0	...	...	...	...	45 0 0	...	45 0 0	
...	...	8 0 0	...	21 0 0	...	...	29 0 0	2 0 0	31 0 0	
...	...	16 0 0		...	...	..	16 0 0	6 2 0	22 2 0	
...	...	...	...	...	...	...	...	0 12 0	0 12 0	
...	...	...	...	10 0 0	...	...	10 0 0	...	10 0 0	
...	...	...	...	...	...	...	...	11 5 9	11 5 9	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	2 14 0	2 14 0	
...	...	...	...	14 8 0	...	...	14 8 0	222 14 0	237 6 0	
...	...	...	...	...	...	...	...	20 6 0	20 6 0	
...	...	...	...	191 0 0	...	...	191 0 0	1 0 0	192 0 0	
...	...	917 0 0	735	433 8 0	...	20 14 0	2,106 6 0	1,855 2 3	3,961 8 3	
...	...	751 1 0	591	1,309 12 0	...	28 2 0	2,679 15 0	3,260 14 6	5,940 13 6	

No 3.—*Licenses issued in forms XVII and XVIII of the rules under the Indian Arms Act,* 1878.

PROVINCE.	Number of licenses granted during the year.	Number of licenses granted in previous years and still in force.	Total number of licenses in force during the year 1917.	REMARKS.
Punjab	1,279	4,940	6,219	
Total for 1917 ...	1,279	4,940	6,219	
Total for 1916 ...	626	6,461	7,087	

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PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 9 LAHORE, FRIDAY, MAY 3, 1918.

PART II.

GENERAL.

Proceedings of His Honour the Lieutenant-Governor of the Punjab, in the Department of Revenue and Agriculture (free grants) No. 9859-R., dated 29th April 1918.

RESOLUTION.—The Punjab Government resolution No. 8397, dated 5th April 1917, announced that His Majesty's Secretary of State had approved certain proposals emanating from the Punjab Government for the gradual creation of a number of new *jagirs*, to each of which was attached a definite condition of " continued good conduct and steadfast loyalty to His Majesty the King-Emperor and active good service to the public or to the Government established by law in British India rendered to the best of the jagirdar's ability and power." Each such *jagir* is granted for the life of the original holder, half the sum assigned being continued for one generation after the death of the original holder. The local Government was empowered to sanction such grants up to a maximum value of Rs. 10,000 in the first year in which the scheme came into operation, and up to Rs. 5,000 in any subsequent year. Grants aggregating Rs. 10,000 for the financial year 1917-18 were accordingly announced in the resolution of 5th April 1917.

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For the financial year 1918-19 the Lieutenant-Governor has selected as recipients of *jagirs* the gentlemen named below :—

For a grant of Rs. 750 *per annum.*

(*i*) Pir Sayad Ghulam Abbas Shah, Sajada Nashin of Makhad, Attock district.

The Pir Sahib of the famous Makhad shrine exercises great religious influence in the northern Punjab and in North-West Frontier Province. Since the commencement of the war this influence has been exercised whole-heartedly on the side of Government, with the result that very large numbers of his spiritual followers, especially among the Khattak *Pathans* of the Attock district, have enlisted in the army. The Pir has also rendered great assistance in various ways to the civil administration.

For grants of Rs. 500 *per annum.*

(*ii*) Sayad Ata Muhammad Shah of Dher Umed Ali Shah village in the Mianwali district.

During the war this gentleman has done excellent work in recruiting and stands among the first few of his district in this respect He has induced many of his own relatives and tenants to join the army. He has also rendered service to the public in other ways, notably by the construction of an important irrigation work.

(*iii*) Rai Sahib Ram Gopal of Sirsa, Hissar district.

Since 1896 Rai Sahib Ram Gopal has done valuable work as President of the Sirsa Municipality, as a member of the bench of honorary magistrates and as honorary munsif. He devotes practically the whole of his time to the public service. The splendid contribution of seven lakhs of rupees to the war loan from the Sirsa tahsil was largely due to his efforts. He has also helped in recruiting for the army.

(*iv*) Risaldar (retired) Rai Sahib Teja Singh, Jat Sikh, of Sangla in the Gujranwala district.

This retired Officer is a member of a well-known family of Rasulpur in the Amritsar district. He now resides on the Lower Chenab canal, where he is a member of the honorary bench of magistrates at Sangla. He obtained the title of Rai Sahib on military service. He has shown great enthusiasm in the cause of recruiting and in the collection of war funds. The colony area near Sangla has produced a very large number of recruits and the main credit for this is due to Rai Sahib Teja Singh. His son, Risaldar Mul Singh, has been invalided out of the army owing to wounds received in action and is now in civil employment.

For grants of Rs. 250 *per annum.*

(*v*) Chaudhri Ram Gopal, Ahir, Zaildar of Kutabpur, Gurgaon district.

He has done admirable work in recruiting Ahirs and others for the army and for many years has rendered good service to the administration.

(*vi*) Chaudhri Boga, Bishnoi, Zaildar of Fatehabad, Hissar district.

The leading Bishnoi of the district, who has a consistently good record as a Zaildar and is largely responsible for the success of Bishnoi recruiting and indeed of recruiting generally in the Fatehabad tahsil. One of his sons is a Jamadar in the army.

(*vii*) Chaudhri Saif Khan, Musalman Rajput, Zaildar of Kalanaur, Rohtak district.

The village of Kalanaur has provided no less than 97 per cent. of its eligible men for the army, and the Muhammadan Rajputs of the Rohtak district have as a class responded magnificently to the call for recruits. Chaudhri Saif Khan has contributed largely to this result.

(*viii*) Subedar (retired) Sher Singh, Jat Sikh, Zaildar of Chak No. 115 S.B., Shahpur district.

As Zaildar, as member of the Sargodha honorary bench and of the district board and as Director of the central bank, this pensioned officer has been of great assistance to the administration in the Lower Jhelum Colony. He has been instrumental in inducing the colonists of his zail to enlist and rendered valuable service in the recent Lak riot.

(*ix*) Subedar (retired) Hasham Khan of Rupo Chak, tahsil Zafarwal, Sialkot district.

This retired officer has done most valuable work in recruiting Rajputs in the Sialkot district, his services in this respect being superior to those of any other individual in the district.

(*x*) Chaudhri Ghulam Qadir, Zaildar of Kot Bhaga, Gujranwala district.

This zaildar took the lead in starting the Wazirabad company of the 15th Sikhs. His son and several other relatives are serving in it. Mainly owing to his influence practically every village in his zail has furnished a full quota of men for the army.

(*xi*) Chaudhri Munshi Ram, Zaildar of Gohat, tahsil Dasuya, Hoshiarpur district.

Has consistently promoted recruiting both before and since the outbreak of the war and has personally furnished many recruits. He has also done valuable public work as a member of the District Board, as assessor and as President of one of the early co-operative societies.

(*xii*) Pandit Wazira, Zaildar of Nowra, tahsil Palampur, district Kangra.

This Brahmin Zaildar is one of the most influential men in the Kangra district and universally respected by the people. He is a member of the local and district boards. Over a year ago, it was reported that more than 200 recruits had been enlisted in his zail largely through his influence and this fine record has been fully maintained during the past year.

(*xiii*) Mehr Jalal Din, Arain of Karian, Ferozepore district.

Has done valuable work as zaildar of the head-quarter zail of Ferozepore and has in particular strenuously promoted the recruitment of Muhammadans in his neighbourhood.

(*xiv*) Jamadar (retired) Ajit Singh, Jat Sikh of Husnar village, tahsil Muktsar, Ferozepore district.

A retired officer of the Central India Horse who has done a great deal to promote recruitment especially among Jat Sikhs. Though not a wealthy man, he has devoted much money and time to this object with highly successful results.

(*xv*) Chaudhri Mahan Singh, Jat Sikh, of Bhagpura, Ludhiana district.

Has given practically the whole of his time during the last three years to recruiting work and has himself produced about 250 recruits. He has also subscribed largely to various war funds and holds a number of certificates for assistance to various branches of the administration.

ORDER.—Ordered that the above remarks be published in the *Punjab Gazette*, and that a copy be forwarded to each of the gentlemen named above; also that a copy be forwarded to the Junior Secretary to the Financial Commissioners for the information of the Financial Commissioners and to each Commissioner in the Punjab for information and guidance.

By order of His Honour the Lieutenant-Governor of the Punjab,

H. D. CRAIK,

Revenue Secretary to Government, Punjab.

274—220—3-5-18—SGPP Lahore.

Registered No. L. 846.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 10 LAHORE, FRIDAY, MAY 17, 1918.

PART II.

GENERAL.

REVIEW OF THE REPORT OF THE CHEMICAL EXAMINER TO GOVERNMENT, PUNJAB, FOR THE YEAR 1917.

Proceedings of His Honour the Lieutenant-Governor of the Punjab, in the Home (Medical) Department, No. 10922, *dated* 15*th May* 1918.

READ—

A letter from the Inspector-General of Civil Hospitals, Punjab, No. 2930 (Genl.), dated 12th April 1918, submitting, with his remarks, the Report of the Chemical Examiner to Government, Punjab, for the year 1917.

REMARKS.—In spite of the fact that additional work was undertaken during the year for the Military authorities, the number of cases and articles examined by the department continues to fall. The most marked decrease has occurred under 'Explosives': the figure under this head, which was swollen in the last few years by revolutionary crimes, dropping from 186 in 1916 to 4. There has also been a reduction under human poisoning, cattle poisoning, and stain cases, and it does not appear that this was caused by any diversion of work to the Imperial Serologist at Calcutta, as his figures also show a decrease of 27 cases and 192 articles examined. The diminution under these heads is

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due apparently to a general decrease of crime and has only partially been counterbalanced by an increase of analytical cases. Under the latter head come 286 articles examined for the Military Department, and Colonel Black has pointed out that as they mostly required a quantitative analysis, the additional labour was even greater than the figures would indicate. Further development of this branch of the work may be anticipated in the near future in view of the Adulteration of Food Bill recently introduced into the Provincial Legislative Council.

2 Human poisoning cases account for 395 out of the 808 medico-legal cases, and in 299 of these the poison was detected. Opium has now ousted arsenic from the first place as a poisoning agent, and appears in 34·8 per cent. of the detected cases, as against 27·6 credited to arsenic. Mercury now accounts for 10·2 per cent. Arsenic is used in almost all cases of animal poisoning.

3. The percentage of detection is rather lower than last year especially in cattle poisoning cases, where it fell from 86·02 to 51·67, a decrease which is hardly explained by Colonel Black's remarks on the value of negative evidence. The discovery of poison in 5 out of 12 cases of examination of ashes of human bodies is, however, remarkable. While the Chemical Examiner's work commands in a marked degree the confidence of all concerned, it is evident that the way in which cases are submitted still leaves much to be desired: if all possible information is not collected and forwarded before examination, the waste of time in the Examiner's office must be considerable, and the Inspector-General of Civil Hospitals, Punjab, will doubtless impress on Civil Surgeons the importance of the notes in Appendix III to the report.

4. The small laboratory at Murree should greatly facilitate the work of the department during the hot weather, and the Lieutenant-Governor is glad to learn that it is nearing completion. A new laboratory at Lahore is about to be built along with one for the Chief Malaria Medical Officer on an acquired site between the Lawrence and Jail roads. It has long been badly needed, and its construction has only been delayed by the recent financial stringency. It will now, however, be possible to put the work in hand if the requisite materials are forthcoming, and revised plans and estimates for the two laboratories have been sanctioned at a cost of Rs. 1,31,670.

5. The Lieutenant-Governor again wishes to acknowledge the services of Lieutenant-Colonel Black and his Assistants, and to express his appreciation of the help of Lieutenant-Colonel W. D. Sutherland, the Imperial Serologist.

ORDER.—Ordered that a copy of the foregoing remarks be forwarded to the Inspector-General of Civil Hospitals, Punjab, for information.

Ordered, also, that a copy of the report, the Inspector-General of Civil Hospitals' forwarding letter and the foregoing remarks be forwarded to—

(1) the Government of India, Home Department, for information;

(2) the Registrar, Chief Court, Punjab, for the information of the Hon'ble Judges;

(3) all Commissioners of Divisions, Deputy Commissioners, and Divisional Judges, in the Punjab, for information; and

(4) the Inspector-General of Police, Punjab, for information.

By order of His Honour the Lieutenant-Governor of the Punjab,

O. F. LUMSDEN,

Financial Secretary to Government, Punjab.

898 PGG—680—17 5-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 11 LAHORE, FRIDAY, JUNE 7, 1918.

PART II.

GENERAL.

REVIEW OF THE REPORT ON THE PUNJAB LUNATIC ASYLUM FOR THE TRIENNIUM ENDING 1917.

Proceedings of His Honour the Lieutenant-Governor of the Punjab in the Home (Medical and Sanitary) Department, No. 396-S., dated 27th May 1918.

READ—

A letter from the Inspector-General of Civil Hospitals, Punjab, No. 2929-Genl., dated 12th—16th April 1918, submitting the report on the Punjab Lunatic Asylum for the triennium ending 1917, together with his own note thereon.

REMARKS.—The report covers the triennium 1915—1917. During this period the number of inmates of the asylum has continued to rise steadily, and the increase is ample proof of the growing popularity of the institution. A special feature is the number of military patients admitted from the various expeditionary forces; these numbered 123 in the year 1917, but the report indicates that many of them were only mildly affected by shell-shock or the privations of a campaign and made a rapid recovery. Among the civilian population the percentage of those discharged as "cured" shows a decline, but the number of those discharged as "improved" has increased.

2. The daily average number of patients in 1917 was 837. As the capacity of the asylum at 50 superficial feet per head is 836, it is clear that there must be occasional overcrowding in spite of the recent enlargement of

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the quarantine block. The Ranchi asylum has now been opened for Europeans, but this cannot result in any saving of accommodation or reduction of establishment for the Lahore institution, as provision must still be made for the temporary reception of patients who will ultimately go to Ranchi. The question of acquiring land for an extension of the Lahore asylum is under consideration, and the Lieutenant-Governor agrees with the Superintendent and the Inspector-General of Civil Hospitals that the best way of utilizing any additional land would be to form an entirely separate enclosure for criminal lunatics.

3. It is not surprising that in the present scarcity of labour the Superintendent should have found it more than ever difficult to obtain a suitable staff of attendants, and when there is so little to attract the right type of man, it is satisfactory that escapes and suicides have not been more frequent. It appears to be established that something must be done to increase the attractions of the service, and the Lieutenant-Governor is prepared to consider sympathetically proposals with this object. Meanwhile he suggests that the Superintendent should persevere with his endeavours to obtain the services of retired or invalided non-commissioned officers or soldiers of the Indian Army, whose employment should tend to raise the standard of discipline and efficiency.

4. Every effort continues to be made to provide occupation for the patients, and the advent of the military patients has stimulated the popularity of gymnastics. It is matter for satisfaction that 50 per cent. of the inmates are now provided with regular work, and that the produce of the garden, in particular, continues to do credit to the institution.

5. His Honour is glad to see that there were no epidemics of disease during the triennium, and that the general health of the patients is reported to have been good. The daily number of sick—about 10 per cent. of the population—is about the same as in previous years and in view of the habits of a large proportion of the inmates, may be regarded as creditably low. A more disquieting phenomenon has been the rise in the death rate, due especially to tubercle and pneumonia, but the autumns of 1916 and 1917 were both particularly unhealthy. The result of Major Forster's thorough investigation into the spread of tubercle is on the whole re-assuring, and his recommendations are receiving careful consideration.

6. Owing to the war it has been impossible to post a whole time I.M.S. officer to the asylum during the triennium, and the Lieutenant-Governor wishes to record his appreciation of the services of Major Ward who held charge during the year 1915 in addition to his onerous duties as Superintendent of the Central Jail, and of Captain Fleming, who for the last two years has carried on the work single-handed with marked ability and success. The female portion of the asylum continues to be in the charge of the Franciscan Sisters whose devotion and self-sacrifice are beyond praise.

ORDER.—Ordered that a copy of the report and of the foregoing remarks be forwarded to the Government of India, Home Department, for information also that the review be published in the *Punjab Gazette.*

Ordered also that a copy of the foregoing remarks be forwarded to the Inspector-General of Civil Hospitals, Punjab, for information.

By order of His Honour the Lieutenant-Governor of the Punjab.

H. D. CRAIK,

Revenue Secretary to Government, Punjab.

527-PGG—630—7-6-18—SGPP Lahore.

Registered No. L 864.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 12 LAHORE, FRIDAY, JUNE 14, 1918.

PART II.

GENERAL.

REVIEW OF THE REPORT ON THE ADMINISTRATION OF JAILS IN THE PUNJAB DURING THE YEAR 1917.

Proceedings of His Honour the Lieutenant-Governor of the Punjab in the Home (Jails) Department, No. 772-*S.-Jails, dated Simla, the* 4*th June* 1918.

READ—

The Report on the Administration of Jails in the Punjab during the year 1917.

REMARKS.—The year was remarkable for a general diminution of crime, the causes of which will be discussed in the reviews of the reports on the administration of the police and of criminal justice. The effect of this diminution on the jail population was that admissions were 4,000 less than in 1916. Over 2,000 prisoners were sent as drafts to the jail corps employed in Mesopotamia and in consequence the average daily population fell from over 17,000 in 1916 to 14,454 in 1917. The latter total is slightly less than the number of prisoners for whom accommodation is theoretically available, but it can hardly be expected that the figures will always remain at their present low level, and the provision of a fifth central jail, to which allusion was made in last year's review, will eventually be necessary. In present conditions, however, its construction would obviously be false economy.

2. The most interesting passages in the report are those dealing with the assistance given by the department in the prosecution of the war. The two labour corps raised from the jails of the province for service in Mesopotamia in 1916 have been kept up to strength by drafts amounting to 2,111 men, and the total number of prisoners despatched overseas must by now be well in excess

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of 5,000, or over one-third of the total average jail population. The department has thus not only fulfilled its undertaking to provide and maintain two complete corps but has even been able to supply deficiencies in a corps from another province. The enrolment, equipment and despatch of this large body of men have meant a heavy extra burden of work for the jail staff, and the Lieutenant-Governor warmly congratulates Major Ward and his officers on the fine contribution which their efforts have provided to the resources of the Empire, and on the commendation which the highest military authorities have bestowed on the work and behaviour of the Punjab jail corps. His Honour also wishes to acknowledge the help that has been received from the Farídkot, Baháwalpur and Kapúrthala Darbars which have contributed contingents from their State prisons.

Within the province the department has done valuable work by starting camp jails in connection with the salt mines at Khewra, and the woollen mills at Dháríwál, the latter being exclusively engaged on contracts for army clothing and equipment. Extra-mural labour to the extent of 1,000 men daily has also been supplied to the military authorities at Ráwalpindi, Siálkot and Ferozepore, while the jail factories have been busily employed in the manufacture and repair of blankets, tents, ropes and other articles of military equipment. Compliance with these demands has involved a large degree of reorganization. Four of the smaller district jails have been reduced to subsidiary status and labour has been concentrated where it can be most effectively employed. Thus in spite of difficulties caused by a falling population and the shortage of guards, the department was able to meet most of the demands made on it.

3. Although there was little overcrowding the year was unusually unhealthy, admissions to hospital rising from 13,072 to 14,299 and deaths from 345 to 382. The resulting death rate—26·95 *per mille*—has only twice been exceeded, but is still substantially lower than that among the free population. Malarial fever, the direct outcome of the excessive rainfall of September and October, accounts for the greater part of the rise in sickness but the mortality from this cause was only 14, while the deaths from pneumonia (88) and tuberculosis (91) were responsible for nearly half the total mortality. The figures for malarial fever in the Montgomery Central Jail, quoted in paragraph 48 of the report, indicate a very serious state of affairs. Far-reaching proposals for the improvement of the health of this station have been submitted by the Sanitary Board and are now under the consideration of Government, but the Lieutenant-Governor trusts the Inspector-General will see that every possible precaution is taken to prevent a similar outbreak of malaria in the jail during the autumn of 1918.

The report contains several indications that owing to the recall to military duty of nearly all the skilled officers of the Indian Medical Service there has been a serious decline in the efficiency of the medical supervision. The alarming increase of nearly 70 per cent. in admissions and 23 per cent. in deaths from tuberculosis appears to be mainly due to faulty diagnosis and failure to carry out correct methods of disinfection. This is the only conclusion that can be drawn from the fact that so many patients were admitted to the special tubercular jail at Shahpur in the last stages of the disease. The Lieutenant-Governor is glad to learn that the matter is to form the subject of a special investigation by Major Forster, and he trusts that suitable action will be taken in regard to the officials found to be mainly responsible for this discreditable state of affairs.

4. Of the 17,222 prisoners admitted to jail only 42 were under the age of 16 and it is evident that magistrates are now more careful than formerly in sentencing juvenile offenders. Substantial progress has been made during the year in the development of Borstal methods. The institution of the Dháríwál camp jail and the scheme under which boys are sent out to work under private employers in Lahore, have both met with striking success: the behaviour of the boys has been uniformly good, and they have been able to earn

money which should be of the greatest use in giving them a fair start on release. The main obstacle to the further development of the Borstal system is the reluctance of the magistracy to impose sentences sufficiently long to give a chance of complete reclamation. A Bill framed on the lines of the English Borstal Act and prescribing a minimum sentence of two years' imprisonment has been widely circulated for opinion and is now under the consideration of Government. It is hoped to introduce it in the Legislative Council next winter. Meanwhile substantial increases in the pay and strength of the teaching staff at the Borstal jail have been sanctioned, elementary veterinary instruction is being arranged for by the kindness of Colonel Farmer and steps are being taken to acquire additional land and to provide a practical training in agriculture. It is clear that much has been done in recent years to improve the lot of the youthful offender and to prevent him from relapsing into a professional criminal.

5. The success attained opens the question whether in jails other than the Borstal Jail more attention might not be given to the reformatory aspect of imprisonment. It would appear *primâ facie* possible to extend to all well-behaved prisoners the practice of crediting them with part of the wages representing the value of their work. This system would give men an incentive to industry besides providing them with funds on release to keep them out of mischief until regular employment can be found. From an interesting note on prison reform in the Philippine Islands by Commissioner and Mrs. Booth Tucker it appears that this system is in force there and its adoption in the Punjab should not present insuperable difficulties. Good behaviour might also be rewarded by transfer to a milder form of incarceration for the latter part of a convict's sentence. The penal farms of the Philippines can have no exact parallel in India, but the difficulty under existing rules of sending transportation prisoners to the Andamans suggests the possibility of setting apart a jail in India for a form of treatment less severe than the ordinary rules of rigorous imprisonment allow.

6. Considering the large number of dangerous and desperate prisoners in jail, the absence of many experienced Superintendents and the shortage in the subordinate staff, discipline was well maintained. There were only 9 escapes during the year, as against 18 in 1916, and in every case except one the escapes occurred from outside gangs, while all but two were recaptured. The organized outbreak at Montgomery (described in paragraph 20 of the report), where 15 desperate prisoners made a determined attempt to escape in the middle of the day, was a particularly bad one, and the situation was only saved by the excellent behaviour of the convict officials. That case and others which have since come to the notice of Government indicate the dangers that arise when bodies of desperate men are confined in the same jail, especially when they are in a position to influence or corrupt their warders. Those dangers have so for been overcome by the vigilance of an efficient staff and close supervision and adherence to the rules. The Lieutenant-Governor recognises the necessity of maintaining an adequate and efficient staff and in consequence of the increasing difficulty in keeping the warder establishment up to strength owing to high prices and the superior attractions of military service he has recently sanctioned a substantial enhancement in the rates of pay of all classes of warders, in addition to a city allowance for those stationed at Lahore.

7. In view of the abnormal conditions created by the war there is little to be gained by a comparison of figures of income and expenditure with those of previous years. Expenditure fell from Rs, 13,67,711 to Rs. 12,42,290 owing chiefly to the reduction in the number of prisoners, and the cost per head rose from Rs. 80-11-9 to Rs. 86-14-4, partly for the same reason and partly owing to the increased cost of nearly all necessaries. There has been a remarkable decline in earnings actually credited from Rs. 2,36,876 to Rs. 85,838, but Major Ward has given convincing reasons for this, the chief being the large outstandings consequent on non-payment of bills by the

Military Department. It is hoped that the intricacies of military account procedure will no longer delay the settlement of pending bills, as the practice obscures the financial working of the provincial jails.

8. The department has again been handicapped during the year by the absence of many of its most experienced Superintendents on military duty where several of them have gained high distinctions. Lieutenant-Colonel Finlayson and Captain Husband have both been awarded the D. S. O., and the Lieutenant-Governor deeply regrets that the latter's death has robbed the department of an able and devoted officer. In spite, however, of many difficulties the department has nevertheless grappled successfully with new problems and displayed great resource in meeting the unusual demands that have been made upon it. His Honour again records his high appreciation of Major Ward's able administration and of the loyal support received from the Superintendents and Jailors whose services have been brought to notice, and he has pleasure in congratulating Major Courtney, who has done such good work in the Campbellpur and Montgomery jails, on his appointment to the Imperial Service Order.

ORDER.—Ordered that a copy of the Report with Review be forwarded to the Government of India in the Home Department, and that a copy of the Review be forwarded to the Registrar, Chief Court, Punjab, for the information of the Hon'ble Judges, and to the Inspector-General of Prisons, Punjab, for information and guidance.

Ordered, also, that the Review be published in the *Punjab Government Gazette* and circulated with the Report as usual.

By order of His Honour the Lieutenant-Governor of the Punjab,

H. D. CRAIK,

Revenue Secretary to Government, Punjab.

563 PGG—630—14-6-18—SGPP Lahore.

Registered No. L. 864.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

No. 13 LAHORE, FRIDAY, JUNE 28, 1918.

PART II.

GENERAL.

REVIEW OF THE FINAL SETTLEMENT REPORT OF THE JULLUNDUR DISTRICT.

THE following letter is published for general information :—

No. 1450-S. (Rev.), dated Simla, 20th June 1918.

From—The Hon'ble Mr. H. D. CRAIK, I.C.S., Revenue Secretary to Government, Punjab,

To—The Senior Secretary to the Financial Commissioners, Punjab.

I AM directed to refer to your letter No. 91—7[illegible]0-1, dated the 4th January 1918, forwarding the final settlement report of the Jullundur District by Rai Bahadur Bhai Hotu Singh together with the Commissioner's and Financial Commissioner's reviews.

2. The district is one of small holdings and a dense, enterprising, and industrious population. The combination of a generally fertile soil with a fairly copious and reliable rainfall and a widespread system of well irrigation, which protects 44 per cent. of the cultivated area, confers a high degree of security upon its agriculture. The intensive nature of the latter is shown by the fact that on 100 acres, 123 acres of crops are sown annually of which 10 fail and 113 are successfully matured. When carrying out the last settlement from 1880 to 1885 Mr. Purser took so pessimistic a view of the future of the district, and especially of the probable effects of an increase in population, an anticipated decline in prices and deterioration of the soil by action of the 'chos' or hill torrents, that, in spite of considerable increases in cultivation and well

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irrigation and a large actual advance in prices, he proposed an assessment which exceeded by only 7 per cent. the former demand fixed as far back as 1851. The Local Government raised this percentage of enhancement to 17. Nevertheless in commenting upon the character of the new assessment the Government of India expressed grave doubt whether its leniency did not amount to an injustice to the general tax-payer, and it was with some misgiving that they confirmed the settlement for a term of 30 years. Events have proved that their doubts were well founded and that Mr. Purser's gloomy anticipations were completely erroneous. The demand sanctioned in 1885 has been paid with the greatest ease, and the principal argument for caution, namely the expectation that the rapid growth of population would outrun any possible development of the district's resources, has been falsified, partly by the enterprise of the people in increasing the outturn by sinking new wells and in seeking new outlets afforded by emigration to the canal colonies and elsewhere, but partly also by the unfortunate ravages of plague. The population of the district rose rapidly between 1881 and 1901, but the subsequent decade saw an even more rapid decline, and though in 1911 the district figures exceeded by 2½ per cent. those of 1881, in all tahsils but that of Jullundur a decrease was registered. In a tract of such small holdings this decrease cannot be regarded as an adverse economic feature and the present population, averaging over 800 per square mile of cultivation, is more than adequate for agricultural requirements.

3. In other respects there has been since settlement a striking expansion of resources. Cultivation has remained almost stationary, but wells have increased by 42 per cent. and the area which they irrigate by 24 per cent. The rise in prices, which takes no account of the recent inflation due to war conditions, has exceeded 50 per cent., and the selling value of land, stimulated by the investment of emigrants' savings in a restricted market, has more than quadrupled. Cash rents have doubled. The length of railway line within the district has increased from 32 to 163 miles, the district has an excellent system of metalled roads, and there has been a marked improvement in the accessibility of markets. Further indications of the growth in prosperity are furnished by the figures contained in paragraph 8 (*h*) of the report relating to co-operative societies and by those concerning livestock in paragraph 26, while the grant to landowners of the district of no less than 5,000 squares with an area of about 140,000 acres in the various canal colonies must have added enormously to the wealth of those who still cultivate their ancestral holdings or who have a share in the profits from the canal lands.

All these considerations justify a substantial enhancement of the demand. On the other hand a somewhat disquieting symptom is the pronounced fall in the spring level during recent years, especially in the Jullundur and Phillaur Tahsils, the future extent of which defies prediction. The serious effect of such a fall on the cost of well irrigation in a district where wells are so important an asset has been recognised. The subject is being investigated by the Agricultural Engineer, and the evil is apparently being mitigated by the use of iron tubes, which tap a deep water-bearing stratum, and of the more efficient and enduring iron well-gear. The small average size of holdings, which range from three to five acres, the large and growing proportion of the land that has to be devoted to the raising of fodder for the well cattle and the tendency for rents to rise to an excessively high level owing to the density of the population, are other features which cannot be overlooked in considering the pitch of the assessment.

4. The actual demand now imposed is Rs. 19,62,313, but of this no less than Rs. 1,28,075 is deferred, partly on account of protective leases to wells and partly on account of progressive assessments in villages whose revenues has been raised by more than one-third. The initial new demand--Rs. 18,34,238—represents an advance of 24·1 per cent. on that of the expiring settlement, while the ultimate enhancement will be 32·8 per cent. The final demand will

be equivalent to only 42·7 per cent. of the estimated full amount to which Government is theoretically entitled (Rs. 46,00,000), which may be contrasted with the corresponding percentages of 73 taken in Gujranwala, 61 in Sialkot, 51 in Amritsar and 44 in Lahore. Judged by this standard the Jullundur assessment is the most lenient in the province, though the incidence per cultivated and matured acre is substantially higher than in Lahore. It is estimated to absorb one-ninth of the gross value of the produce, and that it has been generally recognized as light is shown by the statistics regarding objections given in paragraph 42 (c) of the report. Perhaps the clearest indication of the low pitch of the assessment is the fact that while the normal cash rents average Rs. 16-6-0 per acre—which would justify a half-assets average rate of Rs. 8-3-0—the average rate of assessment is only Rs. 2-15-0 per cultivated acre and Rs. 2-9-3 per acre of matured crops. While agreeing with the Financial Commissioner that a larger enhancement would have been justified and would probably have been accepted without serious demur, the Lieutenant-Governor considers that the demand actually announced may be accepted as appropriate to the circumstances of the district and consistent with the traditional Punjab policy of special leniency to the small peasant proprietors who are not only the basis of the prosperity of the province but also the mainstay of the Indian army. In this connection it may be noted that though Jullundur has not such marked military traditions as its neighbours, Hoshiarpur and Ludhiana, it could claim on May 1st over 9,000 men in the army, of whom nearly 4,000 had been raised since 1st January 1917.

5. Much care appears to have been taken in distributing the revenue over estates and individual holding. In view of the facts summarised above and as the district is in nearly all respects fully developed, His Honour accepts the view of the Financial Commissioner, Commissioner and Settlement Officer that the term of settlement should be fixed at thirty years as in the neighbouring districts of Hoshiarpur and Ferozepore.

6. The settlement was a comparatively simple one, as in a district without canal irrigation and little subject to seasonal variations or agricultural calamities there can be few complicated problems of assessment requiring solution. The maps prepared by Mr. Purser reached a high standard of accuracy and only in very few villages was the compilation of new maps necessary. With the assistance of an ample and efficient staff it was possible to complete operations in 3½ years at a cost of Rs. 4,85,000. In carrying out the task entrusted to him Rai Bahadur Hotu Singh displayed great experience, industry and capacity for organisation and is to be congratulated on its successful and punctual completion. His assessment proposals were characterized by sound judgment and were clearly and concisely presented. The final report is, however, too long; Chapters III and IV in particular would have been improved by condensation. The commendation of his subordinates in paragraph 67 is generous and even lavish. The report, like others recently presented to Government, would be improved by the addition of a larger and clearer map.

The Lieutenant-Governor is indebted to the Commissioner and Financial Commissioner for their comprehensive reviews.

H. D. CRAIK,

Revenue Secretary to Government, Punjab.

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